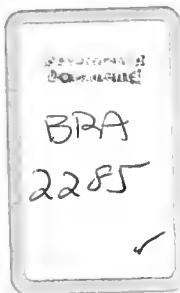


10/11/91

JUDITH NITSCH ENGINEERING, INC. CIVIL ENGINEERS & PLANNERS

One Appleton Street • Boston, MA 02116 • 617-338-0063 • Fax 617-338-6472



PROPOSAL FOR THE BLAIR SITE DESIGN SERVICES

DUDLEY SQUARE AREA

BOSTON, MASSACHUSETTS

SUBMITTED TO THE
BOSTON REDEVELOPMENT AUTHORITY

APRIL 30, 1991

JNEI #242P

110

$\mathcal{Z} = \int_{\mathcal{X}} \int_{\mathcal{Y}} \int_{\mathcal{Z}}$

1

JUDITH NITSCH ENGINEERING, INC. CIVIL ENGINEERS & PLANNERS

One Appleton Street • Boston, MA 02116 • 617-338-0063 • Fax 617-338-6472

2
April 30, 1991

Mr. Paul Reavis, AIA
Assistant Director for
Engineering and Design Services
Boston Redevelopment Authority
One City Hall Square
Boston MA 02201

RE: JNEI Proposal #242P
Blair Site
Dudley Square

Dear Mr. Reavis:

Judith Nitsch Engineering, Inc. (JNEI) is pleased to respond to your Request for Proposals dated April 17, 1991.

JNEI is a woman-owned civil engineering and planning firm located in Boston. Our staff brings an extensive list of relevant experience, as described further in this proposal, as the designers of parking lots as well as acting as consultants to Landscape Architects on similar projects.

Peter Welanetz, ASLA, of The Halvorson Company and I visited the site yesterday. I spoke with David Carlson of the Boston Redevelopment Authority (BRA) regarding the project and have a good grasp of the BRA's intentions for the site. We feel we have a suitable knowledge of the site and the professional services requested by the BRA.

We have organized a project team of experienced professionals, each of whom is highly regarded in their respective disciplines. Our subconsultants are The Halvorson Company for landscape architecture, Survey Resources for site surveying and Verne G. Norman Associates, Inc. for site lighting. JNEI is currently working on a project for the Town of Watertown Department of Community Development & Planning with this exact project team. We work well together. Our first hand knowledge of each other's particular manners of practice will enable us to provide the BRA with a resourceful execution of the project scope within the limited design budget available. JNEI has also recently been selected as the civil/site engineer on a project in Boston which includes Survey Resources and The Halvorson Company on the project team.

PROJECT TEAM MEMBERS

Judith Nitsch Engineering, Inc. will provide civil/site engineering, site layout design, and utility and drainage design and perform the project permitting, as well as manage and coordinate the project.

Judith Nitsch, P.E., has performed civil engineering site design work for 16 years. She has also reviewed site development designs, drainage studies and permit applications as a consultant to many Massachusetts agencies. She teaches drainage design for the Massachusetts Department of Environmental Protection and is well versed in the City of Boston permitting requirements.

Mr. Paul Reavis, AIA: JNEI Proposal #242P
April 30, 1991

Lisa A. Brothers, P.E., will serve as Project Manager. She has worked with Ms. Nitsch for 3.5 years; her previous experience includes three years as a Field Engineer involved in roadway construction with the Massachusetts Department of Public Works. Ms. Brothers has designed and/or reviewed many site development projects for public and private clients.

The Halvorson Company, Inc. (THC) is a Boston-based landscape architectural firm. Their experience includes much urban open space work including land planning and landscape design. Both Ms. Nitsch and Ms. Brothers have worked with The Halvorson Company's staff on projects over the past several years.

Survey Resources, Inc. (SRI) will provide the topographic and property line surveys for this project. Established in 1981 by Nicholas W. Blinow, PLS, the firm utilizes state-of-the-art technology in field data collection, reduction and computations, and plan preparation. The firm performs property line, utility and topographic surveys, and has experience with parking lot surveys and Boston projects. SRI has worked with JNEI and THC on previous projects.

Verne G. Norman Associates, Inc., established in 1982, will be the electrical consultant on the Project Team for the site lighting component of the work. They have worked with The Halvorson Company on several projects and are sensitive to the needs of security and safety with an eye for aesthetics in the placement and type of lighting specified.

WOMAN OWNED BUSINESS EXPLANATION

Judith Nitsch Engineering, Inc. is certified as a Woman-Owned Business Enterprise (WBE) with the Massachusetts Water Resources Authority and the Massachusetts Port Authority.

COMPUTER HARDWARE AND SOFTWARE CAPABILITIES

JNEI has an AST 386 computer and a CalComp 1043GT Plotter for engineering applications. Software utilized for engineering applications includes AutoCAD and DCA; software for drainage design includes HydroCAD, Soil Conservation Service Technical Release 20 (TR-20) and Technical Release 55 (TR-55). The firm also has WordPerfect, Timeslips III and Lotus 1-2-3.

PROFESSIONAL LIABILITY INSURANCE

JNEI is protected by Workmen's Compensation Insurance, Professional Liability Insurance, Business Insurance and General Liability Insurance. Our Professional Liability Insurance is in the amount of \$500,000.00.

Mr. Paul Reavis, AIA: JNEI Proposal #242P
April 30, 1991

FINANCIAL STABILITY

JNEI is a solid, reputable firm in good financial condition. Our banking is performed at:

Coolidge Bank and Trust Company
75 Arlington Street
Boston, MA 02116
Attention: Karen Mackey, Branch Manager
(617) 556-0490

Our CPA can also be contacted for further information:

Macdonald, Levine, Jenkins & Co., P.C.
31 Milk Street
Boston, MA 02109
Attention: Kevin Macdonald
(617) 482-5545

Judith Nitsch Engineering, Inc. is eager to be selected for this work and will provide the level of service which the Boston Redevelopment Authority is seeking. We think that the proposed improvements will be a cost effective and much valued amenity for the community.

Should you have any questions or comments, please do not hesitate to contact me.

Very truly yours,

JUDITH NITSCH ENGINEERING, INC.



Judith Nitsch, P.E.
President

JN/kjc

Enclosures

50\A88

TABLE OF CONTENTS

Cover Letter/Letter of Interest	i
Table of Contents	iv
Understanding of Project and Scope of Work	1
Public Agency and Reviews Familiarity	2
Expeditious Completion Ability	2
Assumptions	3
Relevant Past Experience	TAB
References	TAB
Personnel and Resumes	TAB
Affirmative Action	TAB
Standard Forms 254 and 255	TAB
Cost Detail	TAB

UNDERSTANDING OF PROJECT AND SCOPE OF WORK

Judith Nitsch Engineering, Inc. (JNEI) has reviewed the Services for Design, Construction Documentation Request for Proposals prepared by the Boston Redevelopment Authority (BRA). We have also spoken to Mr. David Carlson of the BRA to obtain further understanding of the process to date which generated the parking/landscaping layout proposed for the site. We visited the site on April 29, 1991. Our comprehension of the existing site conditions allows us to better evaluate the scope of services requested. We feel we can provide the level of services required by the BRA, in spite of the limited budget.

We understand that organized daily parking for the area merchants is required. Well-lit pedestrian access through the site is also necessary. Landscape elements are desired but funding for trees is not currently in hand. We have evaluated the layout in Attachment B to the RFP and have queried Mr. Carlson regarding some of the elements of the site layout.

One of our first steps will be to analyze the layout based on input from the BRA, the area merchants and our knowledge of the permitting agencies who will be involved. We have identified the following issues for further exploration:

- Of particular concern will be the location of the Washington Street curb cut proposed adjacent to Palmer Street. This location, next to a one-way street, will create potentially confusing adjacent turning movements. We will obtain the Boston Traffic and Parking Department's input regarding this. Providing a separation between Palmer Street and the parking lot entrance will be studied.
- Another area for further consideration is to provide internal circulation within the larger portion of the parking lot, in other words, to eliminate the dead end parking segment and loop the internal traffic pattern. This will eliminate potential parkers from backing up within the lot toward the pedestrian walk should the parking area be full.
- The internal greenspace function, shape and treatment will be discussed since it appears to be a potential security problem. Its purpose should be to provide shade and topographic/surface relief rather than act as an activity screen.

Integration of future development considerations will be considered, if known or as anticipated. These may include provision of site lighting which may be able to remain to service a future development. It may also include sidewalk improvements and the locations of some plantings. Some site drainage elements may be incorporated into a future development as well. We have anticipated one meeting with area merchants and one with the BRA at this stage of our evaluation.

UNDERSTANDING OF PROJECT AND SCOPE OF WORK - continued

Upon finalization of receiving input on the site layout and finishes scheme, we will prepare Design Development documents and a preliminary cost estimate for the parking lot and improvements. Two meetings with the BRA, primarily informal working sessions, are anticipated in this phase.

Contract Documents will then be prepared, including:

- Existing Conditions Plan
- Site Layout Plan
- Site Landscaping and Materials Plan
- Site Grading and Utility Plan
- Detail Sheet

Construction Specifications

A detailed construction cost estimate will also be prepared. One to two meetings are anticipated in this phase. Plans for submission to the Boston Water and Sewer Commission and the Public Improvement Commission are included as well.

Bidding and construction Phase services are not anticipated, other than for general questions or clarifications.

Public Agency Reviews Familiarity

As detailed in the Relevant Past Experience section, all of the Project Team members have worked on many development projects in the City of Boston. All of these projects involve public participation and agency reviews. Permitting is a common thread on all of our projects. We are familiar with the Boston Water & Sewer Commission, the Public Improvement Commission, the Boston Traffic and Parking Department and the BRA.

Expeditious Completion Ability

Subject to scheduling of the meetings with the BRA and the area merchants, we do not anticipate any problem with meeting the 8-week schedule outlined by the BRA in their RFP. Each of our subconsultants is able to perform their work within this schedule as well. Should we need supplemental staff support at JNEI, we utilize several part-time employees for engineering support (Timothy S. Allen) and drafting (Ellen J. Pendolay, J. Anthony Maglizzi, Carol Paone). Each of these individuals have worked with JNEI and are available should the project schedule and our workload warrant additional staff.

ASSUMPTIONS

1. This cost assumes reasonable congruity between and recoverability of field and record data.
2. All filing fees will be paid by the Client.
3. Any revisions requested by the Client or approving authorities after completion of the Preliminary Design and Engineering phase or after submission of the drawings will be considered Additional Services.
4. Borings are not anticipated to be required, nor is any 21E-type of hazardous materials testing, evaluation or treatment.
5. No offsite watershed analysis or evaluation of the city drainage system capacity is anticipated.
6. Filings under the Massachusetts Environmental Policy Act are not anticipated.
7. Regarding the utility information required, JNEI research record information at the appropriate utility company/department and will indicate structures and locations of utilities with rim and invert elevations, sizes and directions that are visible at the time of the survey. JNEI does not guarantee the validity of the available record information.
8. Twenty-two hours of consultation time are included in this proposal. Additional consultation time (telephone, meetings, travel time, site visits, etc.) will be billed as Additional Services.
9. One reproducible copy of all bid documents will be provided to the BRA upon completion of the Scope of Services.

RELEVANT PAST EXPERIENCE

The following projects demonstrate Judith Nitsch Engineering, Inc.'s current projects and/or Judith Nitsch's individual experience while a principal at Allen, Demurjian, Major & Nitsch, Inc. (ADM&N, 1982-89) providing planning, design, permitting and/or construction related services:

CITY OF BOSTON PROJECTS

Affordable Housing Site Design

Various Locations in the City of Boston

Client: Urban Edge

ADM&N performed site designs for 18 sites including survey coordination and preparation of site engineering plans showing parking, grading, drainage and water and sewer connections. Work also involved permitting and close association with the Boston Water and Sewer Commission.

Faneuil Hall Chilled Water Line Survey and Engineering

Boston, MA

Client: Goody, Clancy & Associates, Inc.

Their Client: National Park Service

Designed a convenient route under Congress Street for a pair of chilled water lines running from the rear of City Hall Plaza to Faneuil Hall. The site is at a much-used pedestrian crossing and the four-lane divided roadway was heavily congested with many utility mains and structures. Ms. Nitsch was the Principal-in-Charge for ADM&N.

Harbor Lights/Venezia

Dorchester, MA

Client: Ralph Bruno

At this waterfront restaurant and housing development site, Ms. Nitsch worked on the utility research, site master plan, site design (grading, parking layout and utilities), permitting and participated in the Massachusetts Environmental Policy Act scoping session. ADM&N performed property line and topographical surveys and prepared a Registry Plan for a storm drain easement for the Boston Water and Sewer Commission.

Clippership Wharf

East Boston, MA

Client: Related Companies Northeast, Inc.

This project, located on a 13-acre parcel on the East Boston waterfront, consists of seven buildings which will include 370 luxury condominium and affordable housing units, surface and below grade parking, relocation of a commercial lobstering operation on-site, public areas including streetscape improvements, a water taxi terminal, and public park and access areas.

Services included the design of the site grading, drainage and sewer systems, permitting assistance, coordination with architect and public agencies, and representation at public meetings. Ms. Nitsch was Principal-in-Charge for ADM&N.

RELEVANT PAST EXPERIENCE - continued

The following projects demonstrate Judith Nitsch Engineering, Inc.'s current projects and/or Judith Nitsch's individual experience while a principal at Allen, Demurjian, Major & Nitsch, Inc. (ADM&N, 1982-89) providing planning, design, permitting and/or construction related services:

SITE DEVELOPMENT/UTILITY DESIGN PROJECTS

Site Improvements

Chelsea, MA

Client: Chelsea Housing Authority

As Principal-in-Charge at Allen, Demurjian, Major & Nitsch, Inc., Ms. Nitsch was responsible for survey coordination, site engineering and redesign of the site utilities, parking lots and recreational areas including a playground at the housing project on Central Avenue. This included close interface with the geotechnical consultant and implementation of their site improvement recommendations; layout of new parking, sidewalk and landscape areas; site grading; design of site utilities; preparation of plans and specifications including construction details; coordination of the landscape architect's work; and construction administration. Site earthwork included stripping and removal of asphalt and concrete to create greenspace, playground and parking areas. The site was redesigned in a manner such that derelict activity would not be promoted.

Harvard University Resident Housing

Cambridge, MA

Client: Goody, Clancy & Associates, Inc. (Architect)

Provided site engineering services including: utility research; preparation of a plot plan; design of curb cuts; design of storm drain, roof drain, water and sewer connections; and assistance in permitting. The development located on DeWolfe Street is 113,033 square feet and will contain eighty housing units plus a day care center.

Oak Square

Brighton, MA

Client: Pat Loheed/Landscape Architect

Her Client: The Brown Fund and the City of Boston Parks Department Services performed for the landscape architect in the design for the renovation of this urban park included grading and drainage design for the addition of ornamental granite, art work and paving for pedestrian walkway, greenspace and seating areas.

Parking Lot Drainage Studies

Newton Center, MA

Client: Pat Loheed/Landscape Architect

Prepared drainage studies of two parking lots located on Centre Street and Pelham Street. The scope of work involved survey coordination, meetings with the Department of Public Works, and drainage design.

RELEVANT PAST EXPERIENCE - continued

SITE DEVELOPMENT/UTILITY DESIGN PROJECTS - continued

Edgerly Road Playground

The Fenway, Boston, MA

Client: Pat Loheed/Landscape Architect

Provided consulting engineering services to the Landscape Architect for this small urban playground. The engineering services included grading and drainage design. Ms. Nitsch was the Principal in Charge at ADM&N.

Mt. Auburn Tennis Club

Watertown, MA

Client: Pat Loheed/Landscape Architect

The parking lot expansion for this tennis club was onto an abutting site but across a stream. The work involved designing the parking lot, grading and drainage facilities; design of a pedestrian bridge; filing of a Notice of Intent with the Conservation Commission; representation at hearings; and construction services. Ms. Nitsch was the Project Manager at ADM&N.

Harold Wasgatt Playground

Baldwin Avenue, Everett, MA

Client: Pat Loheed/Landscape Architect

Provided consulting engineering services to the Landscape Architect for the rehabilitation of this urban park. The engineering services included coordination of the site survey and design of the site drainage and grading. Ms. Nitsch was the Principal in Charge at ADM&N.

Lowell Parks Rehabilitation

Lowell, MA

Client: Pat Loheed/Landscape Architect

Her Client: City of Lowell, Division of Planning & Development

JNEI provided consulting civil engineering services to the Landscape Architect for the rehabilitation and/or expansion of four urban parks with drainage problems and for the addition of parking areas and ballfields. The engineering services included design of drainage and grading, and permitting assistance.

RELEVANT PAST EXPERIENCE - continued

The following projects demonstrate Judith Nitsch Engineering, Inc.'s current projects and/or Judith Nitsch's individual experience while a principal at Allen, Demurjian, Major & Nitsch, Inc. (ADM&N, 1982-89) providing planning, design, permitting and/or construction related services:

MUNICIPAL DESIGN WORK

Pleasant Valley Parkway Park Renovation

Providence, RI

Client: Pat Loheed/Landscape Architect

Her Client: City of Providence Parks Department

JNEI provided consulting engineering services to the landscape architect for this urban park situated within the median of a 4-lane urban roadway. The park includes a natural stream which is partially contained within a concrete channel. The engineering services provided involved evaluating the roadway drainage problems, designing new drainage and curbing, stabilizing the banks of the meandering stream, performing cost estimating, preparation of specifications, bidding assistance, coordination with the Army Corps of Engineers relative to a 404 permit, filing for an inland wetlands permit from the RI Department of Environmental Management, and consulting services during construction.

Stratham Park Rehabilitation

Lowell, MA

Client: City of Lowell, Division of Planning & Development

JNEI provided consulting civil engineering services to the City for the expansion of Stratham Park including a ball field, a tot lot and a parking lot. The engineering services included design of drainage and grading, preparation of the Notice of Intent for submission to the Conservation Commission, permitting assistance, and coordination with the Landscape Architect.

Street Surveys

Cambridge, MA

Client: City of Cambridge Department of Public Works

Ms. Nitsch was Principal-In-Charge for ADM&N on this project. The firm performed streetline retracement surveys, set monuments and prepared plans of 33 streets, prior to reconstruction of the streets.

Site Access Drainage Review and Construction Observations

Stow, MA

Client: Town of Stow Planning Board

Performed site construction observations and prepared field reports associated with the access road to the proposed site of Digital Equipment Corporation located on Route 117 in Stow, Massachusetts. Ms. Nitsch was Principal-In-Charge for ADM&N.

RELEVANT PAST EXPERIENCE - continued

MUNICIPAL DESIGN WORK - continued

Consulting Engineering

Dartmouth, MA

Clients: Town of Dartmouth Planning Board and Conservation Commission
JNEI provided consulting engineering services for the review of the stormwater management designs in proposed subdivisions for the Planning Board and for the review of Notices of Intent for proposed subdivisions and site plans for the Conservation Commission.

Consulting Engineering Review Services

Groton, MA

Client: Town of Groton

Ms. Nitsch has been Principal-In-Charge as consultant to the Groton Planning Board, Conservation Commission and Board of Selectmen from June 1985 to the present and Ms. Brothers has been Project Manager since September 1987. Work performed includes review of site plans, preliminary and definitive subdivisions, Notices of Intent and roadway and utility designs for constructability and conformity to Town and State regulations; representation at public hearings/meetings and site walks for technical support; performing field observations and reporting of construction to assure that proper construction standards are met; preparation of performance bonds and review of requests for release of performance bonds; and review of existing conditions of a town road and recommendation of improvements to be constructed within a limited budget. JNEI also revised the Subdivision Regulations with the Planning Board, prepared a Construction Appendix for use in all new roadway construction, and prepared Site Plan Checklists and Subdivision Checklists used to evaluate development proposals presented to the Planning Board.

Projects in the City of Boston

The Halvorson Company has enjoyed long-term working relationships with many of the agencies in Boston responsible for public landscapes, and the firm is proud of the role it has played in creating and enhancing parks, streetscapes and other open spaces for the people who live, work and visit the City. The firm has maintained its professional offices in downtown Boston since its founding in 1980, and its familiarity with Boston's many neighborhoods and districts has led to additional consulting assignments with private developers involved in Boston projects. Project experience ranges from neighborhood park and streetscape improvements to major new park designs, a comprehensive inventory of the City's open spaces, master plans for historic landscapes and urban districts, and commercial landscape developments.

Projects in the City of Boston

Representative Projects

Archdale Housing Development *Boston, Massachusetts*

The Halvorson Company provided a master site plan and site design for improvements to a 288-unit, public housing development in the Roslindale neighborhood of Boston. The firm worked with architects CPF/Domenech & Hicks, Inc. on behalf of the Boston Housing Authority.

Boston Neighborhood Park Renovations: **Corbett Park** **Garvey Playground** **Ronan Park** *Boston, Massachusetts*

The Halvorson Company has worked with the Boston Parks Department to renovate several neighborhood parks. The firm has provided full design services for these projects, which have included design or major renovation of a variety of playgrounds and tot lots, ball fields and courts, and passive recreation areas.

Boston Neighborhood Streetscape Improvements: **Cleary Square and Logan Square** **Dorchester Lower Mills, Phase I and II** **Grove Hall Vest Pocket Park** **Hyde Square** **Roslindale Square** **West Broadway Street** *Boston, Massachusetts*

The Halvorson Company has worked with the City of Boston's Public Facilities Department for many years on a variety of urban streetscape improvements projects throughout the city. Neighborhood projects have varied in scope, from planning studies to full design and contract document services. Work has involved new plantings, lighting and traffic control elements, paving and curbing design, and street furnishings. Each project has required close coordination with community groups and public agencies.

Boston Open Space Plan, Volume II: Inventory and Condition Assessment *Boston, Massachusetts*

The Halvorson Company conducted a comprehensive survey and evaluation of the City of Boston's more than 240 parks, squares, malls and urban wilds, as a major part of a long-range planning effort undertaken by the Mayor's Office of Capital Planning. The survey has become a key management tool in the ongoing restoration, maintenance and design of Boston's open spaces.

Boylston Street Master Plan *Boston, Massachusetts*

The Halvorson Company worked with Boston's Department of Public Works and Fay, Spofford & Thorndike, Inc., Engineers, to develop a master plan and detailed design guidelines for sidewalk improvements to an 11-block section of this major commercial corridor, from the Boston Common to the Fens. As specific developments are proposed, the firm has been retained to provide project design review services.

Projects in the City of Boston

Representative Projects

Central Artery:

Interim Landscape

Boston, Massachusetts

The Halvorson Company has been selected, as part of a team headed by Fay, Spofford & Thorndike, Inc., Engineers and Howard Needles Tammen & Bergendoff, to design and prepare contract documents for interim landscapes to be built over Parcel 17A of the downtown Central Artery/Tunnel project, sponsored by the Massachusetts Department of Public Works. Stretching from Congress Street to High Street, the landscape finishes will be in place for up to ten years. They include vehicular and pedestrian corridor crossings and all non-roadway surface finishes over the tunnel.

Charlestown Navy Yard

Open Space Master Plan

Charlestown, Massachusetts

The Halvorson Company, Inc. conducted an open space master plan study of the 105-acre Charlestown Navy Yard for the Boston Redevelopment Authority, in conjunction with development of the B.R.A.'s proposed master plan and zoning amendments for the Navy Yard. A total of 34 acres of public access/open space is proposed, including a continuous harborwalk along the water's edge, new public parks, plazas, court-

yards and pedestrian ways. Development of a major new open space is also conceived in conjunction with the Yard's End Development proposal, which features the relocation of the New England Aquarium to this site, as well as a new hotel and public marketplace. The master plan is conceived to knit together existing and proposed park areas, promenades and streetscapes into a cohesive open space system.

Congress Street Median

Improvements

Boston, Massachusetts

In association with Fay, Spofford & Thorndike, Inc., Engineers, The Halvorson Company provided full landscape architectural design services for improvements to a key section of Congress Street that cuts through Government Center and the historic waterfront district of downtown Boston. The project focussed on improving the visual character and circulation control in this heavily used area, through decorative fencing, plantings and amenities along the median.

Franklin Park: Master Plan

and Restorations

Boston, Massachusetts

As part of the Commonwealth of Massachusetts' Olmsted Historic Landscape Preservation Program, The Halvorson Company prepared a comprehensive long-range master plan for the management and restoration of this historic park. This two-year effort involved communication and coordination with many agencies and community groups, and since its completion the firm has been contracted to provide full design and contract documentation services for renovation projects.

Harvard Community

Health Plan

Peabody Center,

Peabody, Massachusetts

West Roxbury Center,

West Roxbury, Massachusetts

Watertown Center,

Watertown, Massachusetts

Milk Street Center,

Boston, Massachusetts

The Halvorson Company has provided site planning and design, construction documentation and construction administration for many facilities owned by this health maintenance organization. The firm has worked on all projects with architects SBA/Steffian Bradley Associates, Inc.

Projects in the City of Boston

Representative Projects

Hernandez School and Community Playground

Boston, Massachusetts

Using a former paved site adjacent to the Hernandez public elementary school, The Halvorson Company developed a new community playground, to be used by school children as well as area residents. The playground was developed in conjunction with a major school renovation project undertaken by Boston's Public Facilities Department. Facilities include climbing structures, a performance space, and children's garden plots.

Joslin Diabetes Center

Boston, Massachusetts

In association with Ellenzweig Associates, Inc., The Halvorson Company is providing full design and contract document preparation services for an expansion of this renowned research, treatment and education center in Boston's medical district. New ground-floor clinic space will be developed on the site of an existing open air courtyard, and a new courtyard will be built on the roof deck. Related improvements for this infill project include renovations to existing building entrances, lobbies and a parking lot.

Langham Court

Boston, Massachusetts

The Halvorson Company provided site design and construction document preparation for this 86-unit affordable housing complex in Boston's South End, designed by Goody, Clancy & Associates, Inc. Planting and courtyard design was developed within tight budget restrictions.

Lewis Wharf Development

Boston, Massachusetts

The Halvorson Company in association with Graham Gund Architects has prepared a master plan and schematic landscape design for a 10-acre, mixed-use development for The Gunwyn Company, Inc. on historic Lewis Wharf in Boston Harbor. Located between Sargent's Wharf and Commercial Wharf on the North End waterfront, the project includes a new 335-room hotel, 65-ship marina, 57 condominium units and retail space. The existing historic Granite Building and Pilot House buildings will be preserved and an extension of the Pilot House is proposed. Public open space includes a continuous public promenade along the water's edge, a major new two-acre park, and landscape pedestrian connections from Atlantic Avenue to the waterfront.

Long Island Park Development:

Preliminary Report

Boston Harbor,

Boston, Massachusetts

The Halvorson Company prepared an assessment of the landscape issues, problems and potentials for the development of Long Island Park, a 213-acre island in Boston Harbor and the site of a former landfill. Prepared for the City of Boston Environmental Department, the report included an evaluation of existing conditions and uses, an outline of key issues and some preliminary options for development.

Projects in the City of Boston

Representative Projects

Olmsted Plaza

Boston, Massachusetts

The Halvorson Company worked with the architectural firm Notter Finegold + Alexander Inc. to prepare design development plans for a major new biomedical development proposed by JMB/Urban and Macomber Development Co., to be located at the intersection of Brookline Avenue and the Fenway, between Kenmore Square and the medical district of Boston. The proposed complex features an adaptive reuse of the landmark Art Deco Sears building for 1.3 million square feet of research and office and retail space; the design of two additional new office buildings; and a parking garage for 1,500 cars. The landscape design minimizes the massive building scale and creates a lively new urban streetscape along Brookline Avenue. Other project elements include: an urban park, a plaza, a daycare play area, and pedestrian ways for employee and neighborhood use.

Pier 10 Park

Boston, Massachusetts

Pier 10 Park has become the primary pedestrian open space for the new Marine Industrial Park on Boston Harbor, developed by the city's Economic Development Industrial Corporation (EDIC).

The Halvorson Company provided full landscape architectural services for the park, working with HMFH Architects, Inc., designers of a storage terminal for Coastal Cement Corporation, who donated the park in exchange for the rights to develop the adjacent parcel for dry storage. With its row of huge silos, the storage complex is a striking landmark on the industrial harbor skyline; the waterfront park reflects its strong geometric form. The project has received awards from the national Waterfront Center and from The Boston Society of Architects.

Post Office Square Park

Boston, Massachusetts

The Halvorson Company, Inc. was selected in a national competition to design this 1.7 acre park in the heart of Boston's financial district. The client, Friends of Post Office Square, Inc., is a consortium of private corporations that have worked with the city to create a seven-story, below-grade garage and a major new public open space on the site of a former above-grade parking garage. The project has involved extensive coordination with engineers and architects for the garage as well as artists, reviewing agencies and community groups. The park contains over 125 species of plants

and is designed as a garden for all seasons, rich in detail and visual interest, reflecting the area's architectural heritage. Elements of the park include plazas at each end of a central lawn, each with a fountain or sculptural feature; two garden pavilions with a year-round restaurant/cafe; and a trellised stage area.

Post Office Square

District Study

Boston, Massachusetts

Concurrent to the development of a major new park on the site of a former parking garage in Boston's financial district, The Friends of Post Office Square, Inc., a consortium of private corporations, commissioned two studies to identify opportunities for improving the urban pedestrian environment surrounding the park, and for enhancing its neighboring streetscapes and building facades. The Halvorson Company, selected in a national competition to design the park, was also commissioned to develop an Urban Design Plan for the area and offer recommendations for area streetscape improvements. The study was conducted in conjunction with an analysis of ground floor retail opportunities, undertaken by Prellwitz/Chilinski Architects, Inc.

Projects in the City of Boston

Representative Projects

Prince School Development

Boston, Massachusetts

THC provided landscape architectural services for The Abbey Group's conversion of a nineteenth-century school building to retail space and condominiums. The landscape design for this Newbury Street landmark complements the urban streetscape of Boston's historic Back Bay district.

Roxbury Corners Housing

Roxbury, Massachusetts

In association with Domenech Hicks & Krockmalnic, Inc., The Halvorson Company provided complete site planning and design services for this 53-unit, affordable housing development in the Roxbury neighborhood of Boston. The site plan provides for individual private yards, family-oriented open space and parking, all within an extremely limited site.

Ruggles Center Plaza

Roxbury, Massachusetts

The Halvorson Company is preparing a new plaza design and streetscape improvements in conjunction with a public/private commercial development on Parcel 18, adjacent to the existing Ruggles Center mass transit station. The firm is working with the Boston Redevelopment Authority, Stull and Lee, Architects and the community to create a major new public space which will tie together and enhance the infill development and the transit station. The project is located in Roxbury along the Southwest Corridor, a major mass transit transportation corridor which runs from Forest Hills in Jamaica Plain into Boston's Back Bay.

Tent City

Boston, Massachusetts

Culminating 20 years of planning and community involvement, Tent City has been developed as one of Boston's largest mixed-income housing developments. The complex is centrally located next to the Southwest Corridor and the downtown Copley Square district. The Halvorson Company, in collaboration with Goody, Clancy & Associates, Inc. developed a series of courtyards that provide residential scale and quality open spaces within the context of a public housing development. The Halvorson Company received a design award for this project in 1990 from the Boston Society of Landscape Architects. Much of the project is built over a parking garage.

Neighborhood Landscape Design

The planning, design and redesign of neighborhood parks, streetscapes and open spaces has become a special capability of The Halvorson Company. The firm has demonstrated time and again its ability to establish a dialogue among all of the interested public agencies, neighborhood groups and other public and private constituencies, to seek input at all levels, and then to develop a design concept and plan for implementation that is both an excellent design solution on its own, and responsive to the particular community.

The Halvorson Company has designed and overseen construction of projects in most of the neighborhoods of Boston and Cambridge, as well as in other urban districts throughout New England. The firm has enjoyed long-term working relationships with many different city agencies and organizations; they recognize the firm's ability to create parks and streetscapes that reflect the special character and needs of each neighborhood, and that also stand the tests of time and heavy use.

Neighborhood Landscape Design

Representative Projects

Boylston Street Master Plan

Boston, Massachusetts

The Halvorson Company worked with Boston's Department of Public Works and Fay, Spofford & Thorndike, Inc., Engineers, to develop a master plan and detailed design guidelines for sidewalk improvements to an 11-block section of this major commercial corridor, from the Boston Common to the Fens. As specific developments are proposed, the firm has been retained to provide project design review services.

Boston Neighborhood

Streetscape Improvements:

Cleary Square and Logan Square
Dorchester Lowers Mills, Phase I and II

Grove Hall Vest Pocket Park

Hyde Square

Roslindale Square

West Broadway Street

Boston, Massachusetts

The Halvorson Company has worked with the City of Boston's Public Facilities Department for many years on a variety of urban streetscape improvements projects throughout the city. Neighborhood projects have varied in scope, from planning studies to full design and contract document services. Work has involved new plantings, lighting and traffic

control elements, paving and curbing design, and street furnishings. Each project has required close coordination with community groups and public agencies.

Boston Neighborhood Park

Renovations:

Corbett Park

Garvey Playground

Ronan Park

Boston, Massachusetts

The Halvorson Company has worked with the Boston Parks Department to renovate several neighborhood parks. The firm has provided full design services for these projects, which have included design or major renovation of a variety of playgrounds and tot lots, ball fields and courts, and passive recreation areas.

Boston Open Space Plan, Volume II: Inventory and Condition Assessment

Boston, Massachusetts

The Halvorson Company conducted a comprehensive survey and evaluation of the City of Boston's more than 240 parks, squares, malls and urban wilds, as a major part of a long-range planning effort undertaken by the Mayor's Office of Capital Planning. The survey has become a key management tool in the

ongoing restoration, maintenance and design of Boston's open spaces.

Cambridge Center: Streetscape and Park Design

Kendall Square, Cambridge, Massachusetts

The Halvorson Company has provided a full scope of services for a variety of urban redevelopment projects, undertaken as part of a ten-year revitalization effort for Kendall Square and its environs by the Cambridge Redevelopment Authority. Work has included streetscape design along Main Street, technical consultation for a major new public plaza, and design of a new park. T.J. Murphy Park marks one end of the Cambridge Center district and serves as a landmark and primary gateway to Cambridge from Boston. The firm worked with Monacelli Associates, Inc. to develop urban design guidelines for the park, and with MIT's Center for Advanced Visual Studies to create an environmental sculpture as a centerpiece for the park.

Neighborhood Landscape Design

Representative Projects

Charles Park

Cambridge, Massachusetts

The Halvorson Company is providing a full scope of services, from conceptual design through construction administration for this new park and for its neighbor, Front Park, developed in East Cambridge by The Cambridge Community Development Department. The parks are major elements of the open space network defined in the 1978 East Cambridge Riverfront Plan. Surrounded by commercial and retail complexes, the triangular-shaped Charles Park is designed to offer a quiet retreat for pedestrians, and a visual landmark and link between the Lechmere Canal terminus, with its axis fountain and plaza, and the parkway along the Charles River. As part of its project work, the firm provided some programming, siting and detailing services for a major new sculpture, commissioned as part of the federal public art program and designed to provide the park with a central landmark feature.

Charlestown Navy Yard

Open Space Master Plan

Charlestown, Massachusetts

The Halvorson Company, Inc. conducted an open space master plan study of the 105-acre Charlestown Navy Yard for the Boston Redevelopment Authority, in conjunction with development of the B.R.A.'s proposed master plan and zoning amendments for the Navy Yard. A total of 34 acres of public access/open space is proposed, including a continuous harborwalk along the water's edge, new public parks, plazas, courtyards and pedestrian ways. Development of a major new open space is also conceived in conjunction with the Yard's End Development proposal, which features the relocation of the New England Aquarium to this site, as well as a new hotel and public marketplace. The master plan is conceived to knit together existing and proposed park areas, promenades and streetscapes into a cohesive open space system.

Congress Street Median

Improvements

Boston, Massachusetts

In association with Fay, Spofford & Thorndike, Inc., Engineers, The Halvorson Company provided full landscape architectural design services for improvements to a key section of Congress Street that cuts through Government Center and the historic waterfront district of downtown Boston. The project focussed on improving the visual character and circulation control in this heavily used area, through decorative fencing, plantings and amenities along the median.

Franklin Park: Master Plan and Restorations

Boston, Massachusetts

As part of the Commonwealth of Massachusetts' Olmsted Historic Landscape Preservation Program, The Halvorson Company prepared a comprehensive long-range master plan for the management and restoration of this historic park. This two-year effort involved communication and coordination with many agencies and community groups, and since its completion the firm has been contracted to provide full design and contract documentation services for renovation projects.

Neighborhood Landscape Design

Representative Projects

Front Park

Cambridge, Massachusetts

For The Cambridge Community Development Department, The Halvorson Company provided a full scope of services, from conceptual design through construction administration for this new park and for its neighbor, Charles Park, in East Cambridge. The parks are major elements of the open space network defined in the 1978 East Cambridge Riverfront Plan. Defined on three sides by commercial development, Front Park has been conceived as a simple but elegant riverfront green space that frames panoramic views of the Boston skyline along the Charles River. The firm also coordinated siting and detailing for the park's major built feature, a metal sculpture commissioned as part of the federally funded public art program.

Hernandez School and Community Playground

Boston, Massachusetts

Using a former paved site adjacent to the Hernandez public elementary school, The Halvorson Company developed a new community playground, to be used by school children as well as area residents. The playground was developed in conjunction with a major school renovation project undertaken by Boston's Public Facilities Department. Facilities include climbing structures, a performance space, and children's garden plots.

Highland Park Master Plan

Roxbury, Massachusetts

The Halvorson Company developed a comprehensive master plan for this historic public landscape, working with the Boston Parks Department. Primary elements of the plan include an historic landscape survey; past and current use survey; evaluation of existing conditions; development of guiding principles, goals and objectives; and specific proposals for the improvement of the park's use and character; phasing plans; and preliminary cost estimates.

Olmsted Plaza

Boston, Massachusetts

The Halvorson Company worked with the architectural firm Notter Finegold + Alexander Inc. to prepare design development plans for a major new biomedical development proposed by JMB/Urban and Macomber Development Co., to be located at the intersection of Brookline Avenue and the Fenway, between Kenmore Square and the medical district of Boston. The proposed complex features an adaptive reuse of the landmark Art Deco Sears building for 1.3 million square feet of research and office and retail space; the design of two additional new office buildings; and a parking garage for 1,500 cars. The landscape design minimizes the massive building scale and creates a lively new urban streetscape along Brookline Avenue. Other project elements include: an urban park, a plaza, a daycare play area, and pedestrian ways for employee and neighborhood use.

Neighborhood Landscape Design

Representative Projects

Post Office Square Park

Boston, Massachusetts

The Halvorson Company, Inc. was selected in a national competition to design this 1.7 acre park in the heart of Boston's financial district. The client, Friends of Post Office Square, Inc., is a consortium of private corporations that have worked with the city to create a seven-story, below-grade garage, and create a major new public open space. The project has involved extensive coordination with engineers and architects for the garage as well as artists, reviewing agencies and community groups. The park contains over 125 species of plants and is designed as a garden for all seasons, rich in detail and visual interest, reflecting the area's architectural heritage. Elements of the park include plazas at each end of a central lawn, each with a fountain or sculptural feature; two garden pavilions with a year-round restaurant/cafe; and a trellised stage area.

Town of Lexington: Commercial District Guidelines

Lexington, Massachusetts

The Halvorson Company worked with David Dixon & Associates, and Fay, Spofford & Thorndike, Inc. to prepare urban design guidelines for both public and private development in Lexington Center and smaller outlying commercial areas. The study outlined objectives and recommendations for visual improvements to the public environment, including streets, sidewalks and parking areas, and considered signage, streetscape furnishings and materials, lighting, landscaping and related elements. A separate report offered guidelines for new development and improvements to existing buildings.

Town of Watertown: Playground and Park Renovations

Watertown, Massachusetts

The Halvorson Company has worked with Watertown's Department of Community Development and Planning to renovate several school and public park facilities, providing a range of services as required. At Moxley Playground, improvements included design and documentation for redesign of a baseball field, resurfacing of tennis courts, a new soccer field and tot lot. For Lowell Playground, specifications for athletic field turf renovation were provided. For Victory Field, the firm prepared preliminary designs for a new running track, tennis court renovations, new tot lot, and related field and parking renovations.

Streetscape Design

Together with park design and renovation, streetscape design comprises a large part of The Halvorson Company's professional practice. Over the past ten years, the firm has designed and overseen construction of dozens of major streetscape improvements projects in Boston and throughout New England. It offers considerable technical as well as design experience in this type of project; and experience is critical to quality and efficiency in streetscape design, since the process requires a complex synthesis of community planning, horticultural and engineering requirements, urban design perspectives, and park design expertise.

The Halvorson Company enjoys strong working relationships with leading traffic and civil engineering consultants, and has proven its ability to work with team consultants, public agencies, and community groups in developing a physical design appropriate to the urban and regional context, and a construction phasing plan that best serves all affected parties. To maximize redevelopment dollars, clients rely upon the firm's in-depth knowledge of street furnishings and detailing, its accurate cost estimating services, and its understanding of what can be achieved within the limits of budget constraints and competitive-bid construction.

Streetscape Design Representative Projects

**Boston Neighborhood
Streetscape Improvements:
Cleary Square and Logan Square
Dorchester Lower Mills,
Phase I and II**

Grove Hall Vest Pocket Park

Hyde Square

Roslindale Square

West Broadway Street

Boston, Massachusetts

The Halvorson Company has worked with the City of Boston's Public Facilities Department for many years on a variety of urban streetscape improvements projects throughout the city. Neighborhood projects have varied in scope, from planning studies to full design and contract document services. Work has involved new plantings, lighting and traffic control elements, paving and curbing design, and street furnishings. Each project has required close coordination with community groups and public agencies.

Boylston Street Master Plan

Boston, Massachusetts

The Halvorson Company worked with Boston's Department of Public Works and Fay, Spofford & Thorndike, Inc., Engineers, to develop a master plan and detailed design guidelines for sidewalk improvements to an 11-block section of this major commercial corridor, from the Boston Common to the Fens. As specific developments are proposed, the firm has been retained to provide project design review services.

Cambridge Center: Streetscape and Park Design

*Kendall Square,
Cambridge, Massachusetts*

The Halvorson Company has provided a full scope of services for a variety of urban redevelopment projects, undertaken as part of a ten-year revitalization effort for Kendall Square and its environs by the Cambridge Redevelopment Authority. Work has included streetscape design along Main Street, technical consultation for a major new public plaza, and design of a new park. T.J. Murphy Park marks one end of the Cambridge Center district and serves as a landmark and primary gateway to Cambridge from Boston. The firm worked with Monacelli Asso-

ciates, Inc. to develop urban design guidelines for the park, and with MIT's Center for Advanced Visual Studies to create an environmental sculpture as a centerpiece.

**Central Artery:
Interim Landscape**

Boston, Massachusetts

The Halvorson Company has been selected, as part of a team headed by Fay, Spofford & Thorndike, Inc., Engineers and Howard Needles Tammen & Bergendoff, to design and prepare contract documents for interim landscapes to be built over Parcel 17A of the downtown Central Artery/Tunnel project, sponsored by the Massachusetts Department of Public Works. Stretching from Congress Street to High Street, the landscape finishes will be in place for up to ten years. They include vehicular and pedestrian corridor crossings and all non-roadway surface finishes over the tunnel.



Streetscape Design

Representative Projects

Congress Street Median Improvements

Boston, Massachusetts

In association with Fay, Spofford & Thorndike, Inc., Engineers, The Halvorson Company provided full landscape architectural design services for improvements to a key section of Congress Street that cuts through Government Center and the historic waterfront district of downtown Boston. The project focussed on improving the visual character and circulation control in this heavily used area, through decorative fencing, plantings and amenities along the median.

Merchant's Row at

75 State Street

Boston, Massachusetts

Merchant's Row is a historic pedestrian link connecting Faneuil Hall Marketplace with the financial district in downtown Boston. Graham Gund Architects for The Beacon Companies 75 State Street tower adjoining Merchant's Row, retained The Halvorson Company to provide design consultation for streetscape and landscape improvements to this pedestrian way. The project required extensive coordination with the Boston Redevelopment Authority and the 75 State Street design team.

New England Telephone Headquarters Building

Boston, Massachusetts

Architects Goody, Clancy & Associates, Inc., and The Halvorson Company worked with New England Telephone Company to upgrade the building facade and streetscape surrounding its headquarters building at 185 Franklin Street in downtown Boston's financial district. The project encompasses four sides of an entire city block. Improvements designed by THC include enriched entrance paving, planting and streetscape detailing. The Halvorson Company has created an urban design concept that enhances the pedestrian environment, and that establishes a close relationship between the NET facilities and Post Office Square Park, a major new urban park across the street which has also been designed by THC.

Post Office Square District Study

Boston, Massachusetts

Concurrent to the development of a major new park on the site of a former parking garage in Boston's financial district, The Friends of Post Office Square, Inc., a consortium of private corporations, commissioned two studies to identify opportunities for improving the urban pedestrian environment surrounding the park, and for enhancing its neighboring streetscapes and building facades. The Halvorson Company, selected in a national competition to design the park, was also commissioned to develop an Urban Design Plan for the area and offer recommendations for area streetscape improvements. The study was conducted in conjunction with an analysis of ground floor retail opportunities, undertaken by Prellwitz/Chilinski Architects, Inc.

Streetscape Design *Representative Projects*

Rochester Central Business District

Rochester, New Hampshire

The Halvorson Company worked with the engineering firm of Rist-Frost Associates, P.C. of Laconia, New Hampshire to develop an urban design for revitalization of the downtown central business district. From an existing asphalted intersection of five roads, the team created a new civic square with a small shaded park and performance space. The square provides a new landmark for the downtown and helps to strengthen its historic character. A second component of the project involved streetscape improvements for the district, including tree plantings, historic street lighting, new sidewalk and paving, and parking renovations.

City of Somersworth:

Market Street Improvements

Somersworth, New Hampshire

The improvement of Market Street was undertaken by the City of Somersworth as a "seed" project for the physical and economic revitalization of this rural mill town. Working within the historic context of the downtown area and responding to the natural geography, plans were developed by The Halvorson Company in association with Kimball Chase

Company, Inc., Engineers.

Within the context of a modest improvements budget, they emphasize the city's inherent charm and provide for renewed visual interest.

The Berkeley Building

Boston, Massachusetts

Working in association with Goody, Clancy & Associates, Inc. The Halvorson Company is providing full design services for renovations to the original John Hancock Insurance Company headquarters building on Berkeley Street in Boston's Back Bay. The project is the third and final phase of improvements by the insurance company, designed to upgrade available office space and to define their three adjacent office buildings--The Berkeley, The Clarendon, and the John Hancock Tower--as an urban corporate campus. Site improvements focus on providing a more pleasant pedestrian environment and on providing streetscape enhancements along three sides of a city block.

Town of Lexington:

Commercial District Guidelines

Lexington, Massachusetts

The Halvorson Company worked with David Dixon & Associates, and Fay, Spofford & Thorndike, Inc. to prepare urban design guidelines for both public and private development in Lexington Center and smaller outlying commercial areas. The study outlined objectives and recommendations for visual improvements to the public environment, including streets, sidewalks and parking areas, and considered signage, streetscape furnishings and materials, lighting, landscaping and related elements. A separate report offered guidelines for new development and improvements to existing buildings.

REFERENCE PROJECTS
Survey Resources, Inc.

1. **ALGONQUIN GAS COMPANY 1988-1991**

Various towns, MA & RI
Contact: David Sistrand
(617) 254-4050

-Row Plans, Wetland Maps, Construction Surveys

2. **KELLEY HOUSE & HARBOR VIEW HOTELS 1989**

Edgartown, Massachusetts
The Halvorson Company
Contact: Pete Welanetz
(617) 536-0380

-Topographic, boundary & utility maps for planning & design

3. **WARWICK CITY PARK 1989**

Warwick, Rhode Island
Albert Veri & Associates
Contact: John Hart
(401) 274-1360

-Photogrammetric mapping of 200 acre park

4. **CAPTAIN STEPHEN OLNEY PARK 1989**

North Providence, Rhode Island
Albert Veri & Associates
Contact: Donald Sharp
(401) 274-1360

-Photogrammetric mapping
-wetlands survey

5. **OSCAR PRATT LAND ACQUISITION SURVEY 1988**

Richmond & Exeter, Rhode Island
Department of Environmental Management
Contact: Joe Dias
(401) 277-2776

-Boundary survey of 136 acre tract

REFERENCE PROJECTS
Survey Resources, Inc.

6. **CORBETT PARK 1988**

Dorchester, Massachusetts
The Halvorson Company
Contact: Pete Welanetz
(617) 536-0380

-survey of a city park for design purposes

7. **CITY OF BOSTON 1983-1989**

Boston, Massachusetts
Public Facilities Department
Boston Housing Authority
Neighborhood Development & Employment Agency
Contact: (NDEA/PFD) Pete Welanetz
The Halvorson Company (617) 536-0380
Contact: (BHA) Frank Curtis
Tise Architects (617) 868-5300
Contact: (PFD) Bob Mulcahey
SWA Group (617) 266-4703

-Heath Street Housing Project
-Pierce Square/Lower Mills Street Improvements
-Reed Square/Hyde Park Street Improvements
-Roslindale Square Street Improvements
-Codman Square Street Improvements

8. **SOUTH CAPE BEACH STATE PARK 1985**

Mashpee, Massachusetts
Hyden-Wegmen Inc
Contact: Harold Chamberlain
(617) 254-6930

-survey of one mile approach road
-survey 300 acre state park
-prepare engineering base maps

9. **NEW BEDFORD HARBOR 1987**

New Bedford, Massachusetts
Seelye, Stevenson, Value & Knecht
Contact: Paul Razgha
(617) 482-7293

-Hydrographic survey along 1400 feet of harbor
-Horizontal and Vertical control

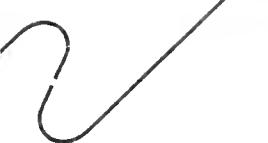
REFERENCE PROJECTS
Survey Resources, Inc.

10. **WATER STREET BRIDGE 1987**

Gloucester, Massachusetts
Hayden-Wegman Inc.
Contact: Thomas Andre Bover
(617) 254-6930
-Hydrographic survey along bridge path (700LF)
-Topography of bridge and approaches

11. **LYNN MARINE INDUSTRIAL PARK 1987**

Lynn, Massachusetts
Hayden-Wegman Inc.
Contact: Thomas Andre Bover
(617) 254-6930
-Hydrographic survey of 7 acre dock area
-Topographic survey of 10 acre parcel and approach road



JUDITH NITSCH ENGINEERING, INC. CIVIL ENGINEERS & PLANNERS

One Appleton Street • Boston, MA 02116 • 617-338-0063 • Fax 617-338-6472

REFERENCES

1. Ms. Michelle Collette
Planning Assistant
Town of Groton
Town Hall
Groton, MA 01450
508-448-5716
2. Ms. Margaret White
Planner
City of Lowell
Division of Planning and Development
John F. Kennedy Civic Center
Lowell, MA 01852
508-970-4252
3. Mr. Robert Patterson
Chief Engineer
Engineering Department
City of Cambridge
147 Hampshire Street
Cambridge, MA 02139
617-349-4800
4. Mr. Robert Hill
Deputy Director
Chelsea Housing Authority
260 Clark Avenue
Chelsea, MA 02150
617-884-5617
5. Ms. Alice Boelter
Principal
Boelter & Associates
134 Beach Street
Boston, MA 02111
617-426-9888
6. Mr. Donald Perry
Planning Department
Dartmouth Planning Board
P.O. Box 9399
North Dartmouth, MA 02747-9399
508-999-0716

Client References

Public Agencies

Mr. Peter Scarpignato
City of Boston
Public Works Department
Boston City Hall, Rm. 710
One City Hall Plaza
Boston, Massachusetts 02201
(617) 725-4968

Ms. Stephanie Bothwell
City of Boston
Development Division
Public Facilities Department
15 Beacon Street, 10th Floor
Boston, Massachusetts 02108
(617) 635-3880

Mr. Joe Tulimieri
Director
Cambridge Redevelopment
Authority
No. 4 Cambridge Center
Cambridge, Massachusetts 02142
(617) 492-6800

Mr. Peter Jackson
Metropolitan District Landscape
Commission
20 Somerset Street
Boston, Massachusetts 02108
(617) 727-9582

SURVEY RESOURCES, INC.
APRIL 1991

AGENCY CLIENTS

We have provided surveying services, either directly or as a consultant to the prime contractor, for the following agencies:

Abington Housing Authority
Algonquin Gas Company
Attleboro Housing Authority
Boston Housing Authority
Boston Public Facilities Department
Boston Neighborhood Development & Employment Agency
Boston Parks & Recreation
Bridgewater State College
Eastern Utilities
Easton Board Of Selectmen
General Services Administration
Hanscom Air Force Base
Hingham Housing Authority
Hopkinton Housing Authority
Haverhill Housing Authority
Lesley College
Massachusetts Bay Transportation Authority
Massachusetts Department of Environmental Management
Massachusetts Department of Public Works
North Attleboro Housing Authority
Norton Housing Authority
Norwell Housing Authority
Providence Parks Department
Revere Housing Authority
Rhode Island Department of Environmental Management
Sharon Housing Authority
Swansea School Department
Somerville Office of Planning & Community Development
Warwick Parks Department
Wilmington School Department

JUDITH NITSCH, P.E.
President
JUDITH NITSCH ENGINEERING, INC.

EDUCATION

Worcester Polytechnic Institute, Worcester, Massachusetts
Bachelor of Science - Civil Engineering, 1975
Who's Who Among Students in American Universities and Colleges, 1975
Graduate work towards Master of Science in Civil Engineering, 9/81 to 12/82

The City University, London, England
Exchange Student in Civil Engineering, 9/74 to 1/75

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer (Civil) in Massachusetts (#29,978) and:
Connecticut, Florida, Georgia, Indiana, Louisiana, Maine, Michigan,
Minnesota, New Hampshire, New York, Ohio, Pennsylvania, Rhode Island,
South Carolina, Tennessee, Texas and Vermont
Licensed Construction Superintendent in Massachusetts
Surveyor-in-Training in Massachusetts
Licensed Real Estate Broker in Massachusetts
Licensed Designer of Sewage Disposal Systems in New Hampshire

EXPERIENCE

Judith Nitsch Engineering, Inc. Civil Engineers & Planners Boston, Massachusetts	President 9/89 to Present
Allen, Demurjian, Major & Nitsch, Inc. Consulting Engineers, Architects, and Land Surveyors Cambridge, Massachusetts	Senior Vice President 9/86 to 11/89
Allen & Demurjian, Inc. Consulting Engineers, Architects, and Land Surveyors Boston, Massachusetts	Vice President 6/82 to 9/86
Freeman Engineering Company Division of Schofield Brothers, Inc. Consulting Engineers & Land Surveyors Attleboro, Massachusetts	Vice President & Office Manager 5/78 to 6/82
Schofield Brothers, Inc. Consulting Engineers & Land Surveyors Framingham, Massachusetts	Project Engineer 6/75 to 5/78
Sanderson and Washburn Consulting Engineers & Land Surveyors Tariffville, Connecticut	Drafter & Engineer Summers, 1973 & 1974

PROFESSIONAL ORGANIZATIONS AND AWARDS

American Society of Civil Engineers: Committee on Public Communications, 1988-91; Urban Subsurface Drainage Standards Committee, 1989-91; Edmund Friedman Young Engineer Award for Professional Achievement, 1984; Member, 1973-91

Boston Society of Civil Engineers Section/ASCE: Building Fund Committee, 1989-90; President's Award, 1988; Nominating Committee, 1987-90, Chairman, 1989-90; President, 1986-87 (host section for the ASCE National Convention); Board of Government Member, 1981-90; Vice President, 1984-86; Investment Committee Chairman 1985-86; Annual Meeting Chairman, 1985; Younger Member Committee, 1983-86; Secretary, 1983-84; Director, 1981-83; Membership Committee, 1979-81, Chairman, 1980-81; Awards Committee Chairman, 1981-82; 1979 National Convention, Exhibits Committee Chairman

Society of Women Engineers: Distinguished New Engineer Award, 1982; Member, 1973-91

Society of Women Engineers-Boston Section: Section Representative to National, 1990-91; President, 1984-86; Vice President, 1982-84; Newsletter Editor, 1983-84; Publicity Committee Chairman, 1982-83; Recording Secretary, 1981-82; Speakers Bureau, 1976-91; Nominating Committee, 1981; Coloring Book Committee, 1977-82, Co-Chairman, 1980-82; "It's Your Turn to Talk" Course, 1975

The Engineering Center of Boston, Inc.: President, 1987-88; Organizing Committee Member, 1986-87

National Society of Professional Engineers: Member, 1978-91

Massachusetts Society of Professional Engineers: Young Engineer of the Year Award, 1988

Massachusetts Association of Land Surveyors and Civil Engineers: Member, 1976-91

Society for Marketing Professional Services: Program Committee, 1990-91; Member, 1982-91

Massachusetts Association of Conservation Commissions: Member, 1979-91

Massachusetts Federation of Planning and Appeals Boards: Member, 1988-91

Construction Industry Liaison Group: Panelist at "Build Boston," 1987 and 1989; Member, 1987-91

New England Women In Real Estate: Member, 1990-91

Women's Transportation Seminar: Member, 1990-91

COURSES AND SEMINARS ATTENDED

Regulatory Updates for the 1990s: CSOs and Stormwater; 1991

Effective A/E Quality Management: 1990

Detention Basin Design Seminar; 1990

Clearwater Estates: An Inland Wetlands Development Simulation Under the Wetlands Protection Act; 1989

Comprehensive Permits for Housing Developments in Massachusetts: Creative Strategies for Successful Projects; 1988

TR-20: Urban Hydrology; 1988

Environmental Law and Enforcement; 1987

Septic Systems: Problems and Solutions; 1987

TR-55: Urban Hydrology for Small Watersheds; 1987

Wetlands Regulations Update and Resource Area Identification; 1987

Wetlands Protection Act/Wildlife Habitat Protection Regulations Seminar; 1987

Hot-Mix Asphalt Pavement Construction by The Asphalt Institute; 1985

Subdivision Control Law Seminar: 1983

Wetlands Protection Act Regulations Workshop; 1983

The Zoning Enabling Act Seminar; 1979

PUBLIC AND COMMUNITY SERVICE

Worcester Polytechnic Institute: Trustee, 1989-91; Physical Facilities Committee, 1989-91; Commission on Residential and Social Life, 1991; John Boynton Award, 1987; Alumni Association: Executive Committee, 1983-91. Vice President, 1988-91, Co-Chair for Student/Alumni Interaction, 1987-89, Career Day Chairman, 1988. Master Plan Committee, 1985-86; Ichabod Washburn Award, 1985; Alumni Fund: Class Agent, 1976-84, Head Agent, 1981-84, Tenth Reunion Gift Chairman, 1985, Student Project Selection Committee, 1985-90; Publications Committee, 1981-86, Vice-Chairman, 1984-86

Women's Technical Institute, Boston, MA: Surveying Program Industrial Advisory Board Member, 1987-89

Boston Architectural Center: Thesis Advisor, 1986-87

New England College, Henniker, New Hampshire: President's Advisory Committee on Engineering, 1989-91

Charles River Watershed Association: Director, 1983-85; Land Use Committee, 1983-85; Member, 1982-91

Associated General Contractors of Massachusetts: Juror for "Build Massachusetts Award Program IV," 1987

Speaker regarding engineering career issues at Boston University, Smith College, University of Massachusetts, Radcliffe College, New England College, Wentworth Institute of Technology, Southeastern Massachusetts University, University of Rhode Island, Massachusetts Institute of Technology, WPI, Vermont Technical College, Northeastern University, Merrimack College and numerous public school systems

Commonwealth of Massachusetts Department of Environmental Protection and Massachusetts Audubon Society: Four workshop presentations and manual review for "Basic Hydrologic Calculations for Conservation Commissioners." June 1988; Repeated four workshops with the Massachusetts Association of Conservation Commissions in February 1989, and with the University of Massachusetts in March 1990 and November 1990

Seminar speaker on "The Massachusetts Wetlands Protection Act" at Wentworth Institute of Technology; "Permitting for Land Development Projects" at the Rhode Island Chapter of the Associated Builders and Contractors; "Stormwater Management Issues" at the Massachusetts Society of Municipal Conservation Professionals; "Drainage Issues and the Wetlands Protection Act" at the Massachusetts Audubon Society; "How to Delineate Watersheds" and "Drainage Terminology" at the Massachusetts Association of Conservation Commissions

First Congregational Church, Melrose, MA: Handbell Choir Director, 1989-1991; Member

SUMMARY

Ms. Nitsch has specialized over the past sixteen years in the design and project management of many types of residential, commercial and industrial developments. In addition to the design and layout of roads, subdivisions, recreation areas, parking areas, subsurface sewage disposal systems and drainage facilities, Ms. Nitsch has made numerous project presentations to local Planning Boards, Zoning Boards of Appeals, Conservation Commissions, Boards of Health, Boards of Selectmen, City Councils and neighborhood groups, as well as State and Federal Agencies. She has served as a consultant to several Planning Boards and Conservation Commissions.

SUMMARY (continued)

A partial listing of projects that were designed by and/or under the direct supervision of Ms. Nitsch includes:

Office/Commercial/Industrial Developments

Site design and permitting for a 123-bed nursing home; Attleboro, Massachusetts

Site design and permitting of an industrial and office building site; Burlington, Massachusetts

Design of Shopping Center Site including traffic study; Great Road, Acton, Massachusetts

Parking layout, subsurface sewage disposal system design, site design and permitting, Showcase Cinema: Seekonk, Massachusetts

Site design, engineering and permitting for General Cinema Corporation for projects in Georgia, Illinois, Indiana, Louisiana, Massachusetts, Michigan, Minnesota, New York, Ohio, Pennsylvania, South Carolina, Tennessee and Texas

Site design and permitting for a 3-Building, 11-acre Industrial Park, Birch Street; Milford, Massachusetts

Site design and permitting for building addition, Leading Edge Hardware Products, Inc.; Canton, Massachusetts

Site design and permitting, including subsurface sewage disposal system, for Condominium Office Building; Attleboro, Massachusetts

Site design and permitting for 49-acre Industrial Subdivision: Medway, Massachusetts

Site design for 13-acre Waterfront Condominium and Office Complex; East Boston, Massachusetts

Infrastructure Improvements

Design of road widening, horizontal and vertical alignment, drainage and sidewalks: Wellesley Street, Weston, Massachusetts

Design and permitting of drainage improvements to Pleasant Valley Parkway for the City of Providence Parks Department as consultant to Pat Loheed/Landscape Architect; Providence, Rhode Island

Route 146 Drainage Evaluation, Cost Estimating and Expert Witness Consulting for the Massachusetts Office of the Attorney General for the Department of Public Works; Uxbridge, Massachusetts

Design of roadway improvements including vertical and horizontal alignment of Martins Pond Road for the Planning Board; Groton, Massachusetts

SUMMARY (continued)

Residential Developments

Design and permitting for a 25-Lot Cluster Residential Subdivision; Holliston, Massachusetts

Design of 200-Lot Residential Subdivision: North Attleboro, Massachusetts

Consultant for hydrologic issues and wetlands impacts for a \$13 million apartment complex; Methuen, Massachusetts

Site engineering and permitting for Harvard University Resident Housing as consultant to Goody, Clancy & Associates, Inc.: Cambridge, Massachusetts

Evaluation of Site Drainage, Grading and Septic System of single-family home: Billerica, Massachusetts

Residential Subdivision Layout, Road Reconstruction Design and Permitting, Oak Knoll Subdivision; Winchester, Massachusetts

Public and Institutional Work

Engineering reviews of Definitive Subdivisions and Site Plans for the Town of Groton Planning Board and Conservation Commission; Groton, Massachusetts

Drainage design review of a 71-acre Office and Residential Development for the Town of Burlington Planning Board and Conservation Commission; Burlington, Massachusetts

Drainage design reviews of definitive subdivisions and site plans as consultant to the Town of Dartmouth Planning Board and Conservation Commission; Dartmouth, Massachusetts

Feasibility study for the Concord Housing Authority for site development of an affordable housing development at the Howe Farm; Concord, Massachusetts

Revisions to Planning Board Rules and Regulations Governing the Subdivision of Land for the Town of Groton Planning Board; Groton, Massachusetts

Expert Witness Testimony regarding drainage, Dedham Superior Court, for Pine Manor College; Brookline, Massachusetts

Principal in charge on site rehabilitation for the Chelsea Housing Authority including implementation of corrective measures to counter site settlement, utility design, parking and greenspace layout; Chelsea, Massachusetts

LISA A. BROTHERS, P.E.

Project Manager

JUDITH NITSCH ENGINEERING, INC.

EDUCATION

Northeastern University, Boston, Massachusetts
Master in Business Administration, 1991

University of Lowell, Lowell, Massachusetts
Bachelor of Science - Civil Engineering, 1984

PROFESSIONAL REGISTRATION

Registered Professional Engineer--Civil, Massachusetts #35,056

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Boston Society of Civil Engineers Section/ASCE
Chi Epsilon--National Civil Engineering Honor Society
Society of Women Engineers
Women's Transportation Seminar

SEMINARS ATTENDED

Environmental Law; 1990
Subdivision Control and Zoning Laws; 1990
Soil Conservation Service Hydrology Issues: TR-55 Drainage Design; 1988
Massachusetts Wetlands Protection Act, Department of Environmental
Protection; 1988
STRUDEL PRO and Structural Design Seminar; 1987
Hot-Mix Asphalt Pavement Construction by The Asphalt Institute; 1985
Traffic Signal Methodology Seminar; 1985

TECHNICAL PRESENTATIONS

Drainage Terminology to the Massachusetts Association of Conservation
Commissions; 1991

Professional Engineer Registration to the Society of Women Engineers;
1989

Civil Engineering Opportunities to the University of Lowell Student
Chapter of the American Society of Civil Engineers; 1989

EXPERIENCE

Judith Nitsch Engineering, Inc. Civil Engineers & Planners Boston, Massachusetts	Project Manager 6/90 to Present
Allen, Demurjian, Major & Nitsch, Inc. Civil Engineers, Architects, and Land Surveyors Cambridge, Massachusetts	Project Manager 9/88 to 6/90
Seppala & Aho Construction Co., Inc. New Ipswich, New Hampshire	Structural Designer 4/87 to 9/88
Massachusetts Department of Public Works Danvers, Massachusetts	Civil Engineer I 6/84 to 4/87
Pembroke Land Survey Company Salem, New Hampshire	Drafter/Field Technician Summer 1983

SUMMARY

Ms. Brothers has seven years experience in the field of civil engineering in both the civil/site and structural disciplines. She has supplemented her civil/site design experience with performing design reviews, preparing quantity/cost estimates and performing construction observations. A partial listing of projects on which Ms. Brothers has worked includes:

Commercial/Institutional Developments

Site design including parking and site layout, drainage and permit analysis for a 12-theatre building on 23 acres for National Amusements, Inc.; Southington, Connecticut

Site design including site drainage and sewer design, utility design, grading and permit application preparation for a 123-bed nursing home for Life Care Affiliates, Inc.; Attleboro, Massachusetts

Preliminary site analysis and design including site drainage, existing and proposed utilities and grading for an ambulatory care annex; Worcester, Massachusetts

Site design including coordination of property line and topographic surveys, design of site grading, calculation of compensatory floodplain and floodway volumes, utility design, and permitting for a six-story elderly housing addition to a nursing home; Quincy, Massachusetts

Residential Developments

Site engineering design and permitting for twin six-story dormitories for Harvard University Resident Housing as consultant to Goody, Clancy & Associates, Inc.; Cambridge, Massachusetts

Preliminary and Definitive Subdivision design including road design, sewer design, stormwater management and permitting, including a DEP wetlands appeal, for an 11 lot subdivision; Winchester, Massachusetts

Permitting research and analysis and preparation of certifications to obtain a Certificate of Compliance and permanent financing for a \$13 million apartment complex; Methuen, Massachusetts

Public Work

Drainage analysis of the Route 146/146A interchange in Uxbridge, MA for the Massachusetts Office of the Attorney General. Study included TR-20 drainage analyses and quantity/cost estimating for use in successfully settling a lawsuit filed by an abutter against the Massachusetts Department of Public Works

Assistant Roadway Engineer and Bridge Engineer for the Massachusetts Department of Public Works. Work included construction administration and inspection of the roadway relocation of Route 128 including a new interchange and a new bridge; Peabody, Massachusetts

Engineering reviews of Definitive Subdivisions and Site Plans, preparation of bond estimates and construction observations for the Town of Groton (Massachusetts) Planning Board and Conservation Commission

Site Plan and Special Permit reviews for the Groton Planning Board, Conservation Commission and Board of Appeals

Revisions to the Town of Groton "Rules and Regulations Governing the Subdivision of Land" including preparation of the Construction Appendix; Groton, Massachusetts

Drainage design reviews of Definitive Subdivisions and Site Plans as consultant to the Town of Dartmouth Planning Board and Conservation Commission; Dartmouth, Massachusetts

Design of drainage improvements to Pleasant Valley Parkway for the City of Providence Parks Department as consultant to Pat Loheed/Landscape Architect; Providence, Rhode Island

Civil engineering services for the expansion of Stratham Park including design of drainage and grading, permitting assistance and coordination with the Landscape Architect; Division of Planning and Development, Lowell, Massachusetts

John Tingley

Principal

John Tingley, Vice President, is Principal-in-Charge on selected projects, shares responsibility for firm-wide project staffing and scheduling, and oversees efforts in quality control and project standards. He has been with the firm since 1982. Mr. Tingley's professional experience has included project management and contract administration, client coordination, design, contract document preparation and construction administration. His work encompasses a wide range of commercial, institutional and municipal site design projects.

Professional History

Mr. Tingley received a Bachelor of Landscape Architecture degree from the University of Toronto in 1973. Prior to studying at Toronto, he attended the University of Minnesota and worked for several architectural and landscape architectural firms in the Minneapolis area.

After graduation, Mr. Tingley was employed by the Office of Terrance J. Boyle, a landscape architectural firm in Burlington, Vermont. He joined Carol R. Johnson & Associates, Inc. of Boston, Massachusetts in 1973, becoming an Associate in 1978.

Mr. Tingley maintained his own consulting practice from 1980 to 1982. He joined The Halvorson Company, Inc. as a Senior Associate in 1982, becoming a Vice President in 1986. Mr. Tingley is a registered landscape architect in the Commonwealth of Massachusetts and the State of Rhode Island, and a member of The American Society of Landscape Architects.

Robert J. Krieg

Robert Krieg is a staff landscape architect for selected projects. His responsibilities include design, consultant coordination and construction document preparation.

Professional History

Mr. Krieg received a Bachelor of Landscape Architecture degree from the State University of New York, College of Environmental Science and Forestry in 1984.

Upon graduation, Mr. Krieg was employed by William Pressley and Associates and worked on a variety of resort and residential projects. In 1986 Mr. Krieg worked with Joseph R. Henry & Associates preparing environmental impact reports and contract documents. Mr. Krieg joined Pryor Geller Schreiber Associates in 1987 and designed several housing and corporate office projects. Additional project management responsibilities included client coordination, contract document preparation and construction administration.

Mr. Krieg joined The Halvorson Company In 1989. He is a registered landscape architect in the Commonwealth of Massachusetts.

Survey Resources Inc.

The following personnel shall be assigned to this project:

Nicholas Blinow, PLS	Project Manager
Pamela Welch	Survey Coordinator
Richard Grant	Party Chief
Eric Clory	Survey Technician
Jeffrey Derosier	CAD

PROFSSIONAL RESUME
APRIL 1991

NICHOLAS W. BLINOW, PLS
Professional Registrations (surveyor):

Massachusetts
Vermont
Rhode Island
New Hampshire
Maine

Education: Boston Technical High School- 1968
Northeastern University

Job History:

1981 to present
Survey Resources, Inc., Bridgewater, MA; Founder/President

1980-1981
North Andover Associates, Stoneham, MA; Survey Manager

1978-1980
Cullinan Engineering Co., Boston, MA; Survey Supervisor

1975-1980
Yale Survey Inc, Stoneham, MA; Survey Technician +

1973-1975
Cullinan Engineering Co., Boston, MA; Survey Assistant & Technician

1968-1973
New England Survey Service Inc., Boston, MA; Draftsman, Rodperson

STRENGTHS:

Communications/Public Relations
Project Management/Direction
Survey Calculations
Rules of Evidence & Boundary Law
Logical Error-trapping
Quality Control
People Management
Computer Literate

COMPUTER SKILLS:

MS-DOS
Autocad (use/training/customizing)
Benchmark COGO
Automap Terrain Modeling
Batch Files
Hardware

PROFESSIONAL RESUME
APRIL 1991

PAMELA M.WELCH, SIT

Professional Certifications (surveyor):

Massachusetts Surveyor In Training

Education: Weymouth South High School 1977
Northeastern University

Job History:

1985 to present
Survey Resources, Inc., Survey Manager/ Vice President

1984
Davis, Benoit, & Tessier, Inc., Derry, N.H. Chief of Party

1978-1982
U.S. Air Force, Langley A.F.B. Virginia, Draftsman, Rodperson

STRENGTHS:

People Management
Project Management
Quality Control

An alumna of Northeastern University's Lincoln College Surveying Program, Ms. Welch also served on the United States Air Force Civil Engineering staff for four years. An active member of Massachusetts Association of Land Surveyors and Civil Engineers, Ms. Welch has a solid foundation of education and experience to compliment her uncompromising, energetic style.

RESUME

*Frederick P. Goff, President
94 Boot Pond Road
Plymouth, Ma. 02360*

*Massachusetts Registration 33856
May 20, 1988*

BACKGROUND: *Twenty-three years experience in design and site observation of electrical distribution systems, lighting systems, communication systems for institutional, commercial, industrial and residential buildings.*

EDUCATION: *Brockton High School 1963
Franklin Institute of Boston 1975 (AEE)
Certificate in design of heating and Air Conditions Systems
Franklin Institute of Boston 1977
Certificate in Fixed Plant Carrier Repair (Multiplex equipment repair)
U. S. Army - Fort Monmouth, New Jersey 1966
Certificate in Electrical System Construction and Design Coyne Electrical & Technical School - Boston, Ma. 1965*

PROFESSIONAL EXPERIENCE:

*1967 - Present Verne G. Norman Associates, Inc., Quincy, Ma.
Design of electrical systems for commercial, institutional, and residential buildings. The duties of this job include conceptual design and calculations, final working drawings with specifications, cost estimates and field observation*

*June 1965 - September 1965
September 1967 - November 1967*

*Francis Associates, Cambridge, Ma.
Electrical designer*

September 1965 - September 1967

*U. S. Army
Maintenance and repair of telecommunication and multiplex equipment used for telephones, teletype, and computer support systems.*

SOCIETIES: *Illumination Engineering Society
National Society of Professional Engineers
Massachusetts Society of Professional Engineers*

RESUME

*Robert Woolson
305 Turnpike Street, Lot #41
South Easton, Ma. 02375*

*Massachusetts Registration 34601
June 30, 1989*

BACKGROUND: *Twenty-five years experience in the design and site observation of electrical distribution, power, lighting and fire protection systems for institutional, commercial, industrial and residential buildings.*

EDUCATION: *Plymouth High School 1963
Certificate in electrical systems construction and design from Coyne Electrical and Technical School - Boston, Ma. 1965*

PROFESSIONAL EXPERIENCE:

February 1990 - January 1991

*C. A. Crowley Engineering, Inc., Middleboro, Ma.
Team Captain in charge of overseeing and coordinating the work in plumbing, heating and electrical designers in my group.*

April 1976 - January 1990

*Engineers Inc., Needham, Ma.
Engineer/Chief Designer*

February 1974 - April 1976

*Richard D. Kimball Company, Cambridge, Ma.
Designer*

November 1973 - February 1974

*Gaskell Associates, Cranston, Rhode Island
Designer*

October 1971 - November 1973

*John D. Latimer Associates, Taunton, Ma.
Engineer/Designer*

February 1970 - October 1971

*Gordon E. McNeill Associates, Lakeville, Ma.
Designer/Engineer*

July 1969 - January 1970

Shooshanian Engineering Inc., Fairhaven, Ma. (Branch Office)
Designer

October 1965 - August 1969

Francis Associates, Inc., Marion, Ma.
Designer/Draftsman

June 1965 - October 1965

Richard D. Kimball Co., Boston, Ma.
Draftsman

SOCIETIES:

National Society of Professional Engineers
Massachusetts Society of Professional Engineers

RESUME

John C. Howard, Sr.
151 Elizabeth Drive
Raynham, Ma. 02767

EDUCATION: Course in design of Building Electrical Systems
Northeastern University - Building Technology Dept. - 1989

Bachelor of Science - Industrial Technology
Northeastern University, Boston, Ma. - 1974

Certificate of Completion of Apprenticeship
Journeymen Senior Draftsman
Commonwealth of Massachusetts - 1970

Associate of Engineering - Electronic Engineering
Wentworth Institute, Boston, Ma. - 1969

PROFESSIONAL EXPERIENCE:

March 1989 - Present Verne G. Norman Associates, Inc.
Principal, Vice President of Operations
Design of electrical systems for commercial, institutional and residential buildings. The duties of this job include conceptual design and calculation, final working drawings with specifications, cost estimates and field observation.

March 1988 - New England Power Service Power Co.
March 1989 Electrical Design consultant, working on New England Power Co.
Hydro - New England substation expansion and reinforcement.

June 1969 - Stone & Webster Engineering Corporation, Boston, Ma.
February 1988 Senior Electrical Designer: Organized and supervised electrical design groups in the Boston office of Stone & Webster Engineering Corporation and at facilities during construction and renovations. Included were projects for the power and pulp and paper industries. Power plants included conventional (fossil fueled), coal, oil and lignite: AFB boilers fueled with coal: conventional boilers fueled with renewable resources, wood and bark: and PWR nuclear.

Project Engineer/Electrical Engineer at operating 1200 megawatt nuclear power plant.

RESUME

Warren Olson
10 Sunset Drive
South Easton, Ma. 02375

Field Engineer
Licensed Journeyman Electrician (1948)

EDUCATION: U. S. Navy - Electrician School - 1942
 University of Minnesota - Extended U. S. Navy Training - 1942
 Franklin Technical School - Code & Theory Classes - 1946
 Commonwealth of Massachusetts - Electrician Apprenticeship -
 Journeyman Electrician - 1948

PROFESSIONAL EXPERIENCE:

1985 - Verne G. Norman Associates, Inc., Quincy, Ma.
Present Field Engineer, inspector and estimator.

1980 - Local #223, Brockton, Ma. and #103 Boston
1985 Electrical Foreman - New England Power Electric, Brayton Point
 Plant, Somerset, Ma. - Coal Conversion
 Boston Edison Co. - Pilgrim Nuclear Plant

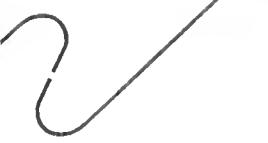
1979 - Texas Instrument, Attleboro, Ma.
 Electrical Foreman for the redistribution and reconstruction of
 electrical systems in the manufacturing plants.

1970 - Greentree Electric, Whitman, Ma.
1979 Electrical Foreman - Projects included residential, industrial and
 commercial projects.

1960 - Eastern Electric, Natick, Ma.
1970 Project Manager for projects including residential, industrial and
 commercial projects, including high rise buildings.

1946 - Fosberg Electric, Brockton, Ma.
1960 Served apprenticeship and received license in 1948 as electrician
 and later foreman (1950) involved in projects including
 residential, hospitals, educational and industrial projects.

1942 - U. S. Navy
1946 Electricians Mate First Class



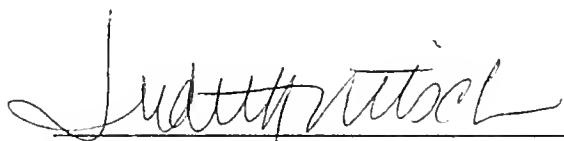
JUDITH NITSCH ENGINEERING, INC. CIVIL ENGINEERS & PLANNERS

One Appleton Street • Boston, MA 02116 • 617-338-0063 • Fax 617-338-6472

AFFIRMATIVE ACTION POLICY/PLAN STATEMENT

Judith Nitsch Engineering, Inc. (JNEI) is a Small Business which is 100% woman-owned. The firm is committed to take affirmative action to ensure that no individuals are discriminated against because of their race, creed, color, religion, sex, age, sexual preference, veteran status or national origin in the firm's hiring practices, in employees' performance evaluations, in pay rates, or in considerations for promotions or terminations. Currently all three of JNEI's staff are women, including two engineers. We have every intention of continuing to hire staff which includes women and minorities.

JNEI seeks out other minority-owned enterprises for assignments on projects; a minority male is currently performing survey research services for JNEI and a woman engineer performs CADD drafting for JNEI. JNEI also seeks out minority-owned and women-owned suppliers; our computer supplier is an MBE and our courier service is an MBE.



4.30.91

Judith Nitsch, P.E.
President
Judith Nitsch Engineering, Inc.

Affirmative Action Policy/Plan Statement

The Halvorson Company, Inc. hereby adopts the following Affirmative Action Policy and Plan:

General

The Halvorson Company, Inc. will not discriminate against any employee or applicant for employment because of race, creed, color, national origin or sex. The Halvorson Company, Inc. will take affirmative action to insure that applicants are employed and that employees are treated during employment without regard to their race, creed, color, national origin or sex. Such action shall include but not be limited to, the following: employment, upgrading, demotion or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Halvorson Company, Inc. agrees to post in conspicuous places, available to employees and applicants for employment, the provisions of this non-discrimination policy.

The Halvorson Company, Inc. will, in all solicitations or advertisements for employees placed by or on behalf of The Halvorson Company, Inc., state that all qualified applicants will receive consideration for employment without regard to race, creed, color national origin or sex.

The Halvorson Company, Inc. will permit access to all books, records, and accounts pertaining to its employment practices by the Federal, State or Local Offices of Human Rights, their representatives, Contracting Officers, or agents for purposes of investigation to ascertain compliance with this provision.

Utilization of Minority Business Enterprises

It is the policy of The Halvorson Company, Inc. that minority business enterprises shall have the maximum practicable opportunity to participate in the performance of its contracts.

The Halvorson Company, Inc. agrees to use its best efforts to carry out this policy in the award of its sub-contracts to the fullest extent consistent with the efficient performance of its contract work.

Affirmative Action Policy/Plan Statement

Applicability to Sub-Contracts

The Halvorson Company, Inc. will include the provisions of the foregoing paragraphs in every sub-contract, unless superceded by rules, regulations or orders of the Federal, State or Local Government, so that such provisions will be binding upon each sub-contractor or vendor.

By:

Peter C. Welanetz, Vice President

Date:

April 29, 1991

JUDITH NITSCH ENGINEERING, INC. STAFF

<u>Full time staff</u>	<u>Male</u>	<u>Female</u>	<u>Minority</u>	<u>Boston Resident</u>
Principal	0	1	0	0
Engineering	0	1	0	0
Support Staff	0	1	0	0
 <u>Part time staff</u>				
Survey Researcher	1	0	1	0
Drafter #1	1	0	0	0
Drafter #2	0	1	0	0
CAD Designer	0	1	0	0
Engineer	1	0	0	1

Employee Classification Matrix

Classification	Total Employees		Total Boston Residents		Total Minority		Total Employees Percent	
	M	F	M	F	M	F	M	F
Landscape Architects (Registered)	9	2	0	0	0	0	82	18
Technicians	1	2	1	1	0	0	33	67
Clerical	0	5	0	3	0	0	0	100
Totals	10	9	1	4	0	0	53	47

Judith Nitsch Engineering, Inc.
One Appleton Street
Boston, MA 02116

254

Architect-Engineer and Related Services Questionnaire

5. Name of Parent Company, if any:

5a Former Parent (

1a. Submittal is for Parent Company Branch or Subsidiary Office

6. Names of not more than Two Principals to Contact: Title / Telephone
1) Judith Nitsch, P.E., President (617) 338-0063
2)

7. Present Offices: City / State / Telephone / No. Personnel Each Office

(617) 338-0063

8.8 Personnel by Discipline: List each person only once by primary function

1	Administrative Architects	— Electrical Engineers — Estimators — Geologists — Hydrologists — Interior Designers — Landscape Architects — Mechanical Engineers — Mining Engineers	— Oceanographers — Planners: Urban/Regional — Sanitary Engineers — Soils Engineers — Specification Writers — Structural Engineers — Surveyors — Transportation Engineers
2	Civil Engineers Construction Inspectors Draftsmen Ecologists Economists		

9. Summary of Professional Services Fees
Received: (Insert index number)

Last 5 Years (most recent year first)

Direct Federal contract work, including overseas	19	89	19	19	19	19
All other domestic work	1	1	1	1	1	1
All other foreign work*	1	1	1	1	1	1

Ranges of Professional Services Fees

1. Less than \$100,000
2. \$100,000 to \$250,000
3. \$250,000 to \$500,000
4. \$500,000 to \$1 million
5. \$1 million to \$2 million
6. \$2 million to \$5 million
7. \$5 million to \$10 million
8. \$10 million or greater

4. Specify type of ownership and check below, if applicable.



Code	Projects	Code	Projects (in thousands)	Code	Projects (in thousands)	Code	Projects (in thousands)
1) 15	1	11) 114	2	21)	2	21)	
2) 20	3	12) 117	1	22)			
3) 23	3	13) 231	1	23)			
4) 46	3	14) 243	1	24)			
5) 50	2	15) 15	3	25)			
6) 56	6	16) 6	1	26)			
7) 79	2	17) 2		27)			
8) 92	1	18) 2		28)			
9) 104	5	19) 5		29)			
10) 106	2	20) 2		30)			

11. Project Examples, Last 5 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
015	C, IE	1 Revisions to Subdivision Regulations Groton, MA	Town of Groton Planning Board Town Hall, P.O. Box 669 Groton, MA 01450	10 (Fee)	1990
017	IE	2 General Cinema 24 Locations in 14 States	General Cinema Corp. 1280 Boylston St./P.O. Box 9100 Chestnut Hill, MA 02167	16 (Fee, each)	1989
021	IE	3 Site Improvements Public Housing Complex Chelsea, MA	Chelsea Housing Authority 260 Clark Avenue Chelsea, MA 02150	1,000	1988
023	C	4 Cost Estimating Route 146 MDPW Uxbridge, MA	Dept. of the Attorney General Comm. of Mass./131 Tremont St. Boston, MA 02111	15 (Fee)	Ongoing
023	C, IE	5 Cost Estimating Subdivision Reviews Groton, MA	Town of Groton Planning Board Town Hall, P.O. Box 669 Groton, MA 01450	1,000 (Fee, each)	Ongoing
046	IE	6 Parking Lot Redesign Pleasant & Pelham Streets Newton Centre, MA	Pat Lockheed/Landscape Architect 182 Main Street Watertown, MA 02172	251	1987
046	IE	7 Parking Lot & Utility Design Clippership Wharf E. Boston, MA	Related Companies Northeast Exchange Place, Suite 3605 Boston, MA 02109	30 (Fee)	1989



			334 Boylston Street Boston, MA 02116	13	1990
050	IE	9 Cathedral Ledge Condominiums Bartlett, NH	Bercon 39 High Street Berlin, NH 03570	3,200	1986
050	IE	10 Birchwood Business Park Milford, MA	KHIP Associates 221 East Main Street Milford, MA 01757	8,500	1989
056	IE	11 Drainage Design Review 71-Acre Subdivision Burlington, MA	Town of Burlington 29 Center Street Burlington, MA 01803	13 (Fee)	1989
072	IE	12 Condominium Office Building Attleboro, MA	Kuhlmann, Inc. 221 East Main Street Milford, MA 01757		1989
079	IE	13 Site Evaluation Affordable Housing Project	Concord Housing Authority 115 Stow Street Concord, MA 01742	5 (Fee)	1988
088	IE	14 Drainage Design 14 Providence Parks Providence, RI	City of Providence Parks & Recreation Providence, RI 02905	101 (Fee)	1988
092	C, IE	15 Drainage Review - Numerous Subdivisions Groton, MA	Groton Conservation Commission Town Hall, P.O. Box 669 Groton, MA 01450	2 (Fee, each)	Ongoing
096	IE	16 Design of Septic System Seekonk, MA	Brook Schools Apts. 44 School Street Chestnut Hill, MA 02167	75	1990
104	IE, C	17 The Willows - Apartment Complex Methuen, MA	The Kirkland Group One Cambridge Center Cambridge, MA 02142	14,000	1990
106	C, IE	18 Numerous Subdivisions Construction Inspections Groton, MA	Town of Groton Planning Board Town Hall, P.O. Box 669 Groton, MA 01450	3 (Fee, each)	Ongoing
106	IE	19 Soil Testing 49 ac. Industrial Subdivision Medway, MA	MELD Associates 221 E. Main Street Milford, MA 01757	5 (Fee)	1988

			Town Hall Stow, MA		4	1989
111	IE	21 Utility Relocations Chilled Water Line Faneuil Hall, Boston, MA	Goody, Clancy & Assoc., Inc. 334 Boylston Street Boston, MA 02116	(Fee)	2	1989
114	C, IE	22 Basic Hydrologic Calculations for Conservation Commissioners (Seminar)	MA Dept. of Environmental Protection & MA Audubon Society	(Fee)	N/A	1990
117	IE	23 Zoning and Land Use Study Franklin, MA	John Kuhlmann 221 East Main Street Milford, MA 01757	(Fee)	10	1987
220	IE	24 Subdivision Reviews/Consulting Engineering Boxborough, MA	Boxborough Planning Board 29 Middle Road Boxborough, MA 01719	(Fee, each)	3	1988
220	IE	25 Subdivision Reviews/Consulting Engineering Pepperell, MA	Pepperell Plng. Brd./Cons. Com. Main Street, Town Hall Pepperell, MA	(Fee, each)	3	1988
229	IE	26 Investigation of Failed Septic System Weston, MA	Brooks School Apartments 44 School Street Weston, MA 02193	(Fee)	4	1989
231	C, IE	27 Definitive Subdivision Design Oak Knoll Winchester, MA	Stephen Parkhurst P.O. Box 992 Manomet, MA 02345	(Fee)	15	1991
243	C, IE	28 Municipal Engineering Town of Groton Planning Board and Conservation Commission	Groton Plng. Brd./Cons. Com. Town Hall, P.O. Box 669 Groton, MA 01450	Fee on Hourly Basis	Ongoing	Ongoing
243	IE, C	29 Municipal Engineering Town of Dartmouth Planning Board & Conservation Commission	Dartmouth Plng. Brd./Cons. Com. P.O. Box 9399, 400 Slocum Rd. N. Dartmouth, MA	(Fee, each)	3.5	Ongoing
258	IE, C	30 The Willows - Apartment Complex Methuen, MA	The Kirkland Group One Cambridge Center Cambridge, MA 02142		14,000	1990
12. The foregoing is a statement of facts Signature: <u>Judith Nitsch</u>				Date:	August 14, 1990 Typed Name and Title: Judith Nitsch, P.E., President	

255

Boston Redevelopment Authority

Blair Site
Dudley Square Area

Architect-Engineer
Related Services
for Specific
Project

Date, if any:

3. Firm (or Joint-Venture) Name & Address

Judith Nitsch Engineering, Inc.
One Appleton Street
Boston, MA 02116

3a. Name, Title & Telephone Number of Principal to Contact

Judith Nitsch, P.E.
President
(617) 338-0063

3b. Address of office to perform work, if different from item 3

4. Personnel by Discipline: (List each person only once, by primary function.)

<input type="checkbox"/> Administrative	<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Oceanographers
<input type="checkbox"/> Architects	<input type="checkbox"/> Estimators	<input type="checkbox"/> Planners: Urban/Regional
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geologists	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Hydrologists	<input type="checkbox"/> Soils Engineers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Draftsmen	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Surveyors
<input type="checkbox"/> Economists	<input type="checkbox"/> Mining Engineers	<input type="checkbox"/> Transportation Engineers
		<input type="checkbox"/> Total Personnel

5. If submittal is by JOINT-VENTURE list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? yes no

Name & Address	Specialty	Worked with Prior to before (Yes or No)
1) The Halvorson Company, Inc. 161 Massachusetts Ave. Boston, MA 02115-3050	Landscape Architecture	Yes
2) Survey Resources Inc. 4 First Street Bridgewater, MA 02324	Land Surveying	Yes
3) Verne G. Norman Associates, Inc 541 Main Street South Weymouth, MA 02190	Electrical Consultants	No*
4)		
5)		
6)		
7)		
8)		* Have Worked with The Halvorson Company on several projects.

a. Name & Title: Judith Nitsch, P.E. President	b. Project Assignment: Principal in Charge of Civil Engineering	c. Name of Firm with which associated: Judith Nitsch Engineering, Inc.
		d. Years experience: With This Firm <u>2</u> — With Other Firms <u>14</u> —
		e. Education: Degree(s) / Year / Specialization BS/1975/Civil Engineering
		f. Active Registration: Year First Registered/Discipline 1979/Civil Engineering
<p>g. Other Experience and Qualifications relevant to the proposed project:</p> <p>Ms. Nitsch has 16 years experience in civil engineering including the site design of new developments and the design and permitting of utilities, drainage facilities and parking areas.</p> <p>Her public work experience includes providing consulting engineering design, review and construction administration services to municipalities.</p> <p>Relevant project experience includes:</p> <ul style="list-style-type: none"> – Site evaluation for development, including soil testing, wetlands identification, site parking layout, drainage, design and permitting for 123-bed elderly home; Attleboro, MA – Principal-in-charge on Oak Square Renovations for the Brown Fund and the City of Boston Parks Dept.; Boston, MA 		
<p>h. Project Assignment:</p> <p>c. Name of Firm with which associated:</p> <p>d. Years experience: With This Firm <u>---</u>— With Other Firms <u>---</u>—</p> <p>e. Education: Degree(s) / Years / Specialization</p> <p>f. Active Registration: Year First Registered/Discipline</p> <p>g. Other Experience and Qualifications relevant to the proposed project:</p> <ul style="list-style-type: none"> – Principal-in-charge of site and utility design for Harvard University Resident Housing, Project team included The Halvorson Co.; Cambridge, MA – ClipperShips Wharf--Principal-in-charge of parking lot layout, grading, drainage, utilities and permitting assistance; East Boston, MA – Harbor Lights--Principal-in-charge of survey coordination, site design and BWSC permitting; Dorchester, MA – Coordination of site survey, design of parking and utility revisions, and preparation of a Site Plan for renovation of existing industrial building; Burlington, MA – Parking lot drainage studies including survey coordination and drainage design; Newton, MA – Theatre addition and parking lot expansion for General Cinema Corp. including parking layout, utility relocation & permitting; Dartmouth, MA 		

a. Name & Title:

Lisa Brothers, P.E.
Project Manager

b. Project Assignment:

Project Engineer

a. Name & Title:

b. Project Assignment:

c. Name of Firm with which associated:

Judith Nitsch Engineering, Inc.

d. Years experience: With This Firm _____

With Other Firms 5.5

e. Education: Degree(s) / Year / Specialization

BS/1984/Civil Engineering
MBA/1991/Business Administration

f. Active Registration: Year First Registered/Discipline

1990/Civil Engineering

c. Name of Firm with which associated:

c. Name of Firm with which associated:

c. Name of Firm with which associated:

d. Years experience: With This Firm _____

With Other Firms ---

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

Lisa A. Brothers, P.E. is a Project Manager at JNEI. Ms. Brothers has 6.5 years experience in the field of civil/site engineering. Two of those years were spent under the direction of Judith Nitsch at Allen Demurjian, Major & Nitsch, Inc. Her experience includes site engineering design and permitting for both residential and commercial developments, and consulting engineering including site plan and engineering reviews, bond estimates and construction inspections for municipalities. She spent three years as a Field Engineer for the construction of the Route 128/I-95 interchange in Danvers, Massachusetts for the Massachusetts Department of Public Works.

g. Other Experience and Qualifications relevant to the proposed project:

- Site design, utility design, drainage design and permitting for residential housing for Harvard University; Cambridge, MA
- Site design, layout, drainage design, utility design and permit analysis for a 12-theater complex for National Amusements; Southington, CT
- Site design, layout, utility design, drainage design and permitting for a 70,000 s.f. warehouse addition for Sterilite Corporation; Townsend, MA
- Site Plan peer review of the Public Safety Building in Groton MA for both the Planning Board and Conservation Commission.

Relevant project experience includes:

a. Project Name & Location		b. Nature of Firm's Responsibility		c. Project Owner's Name & Address		d. Completion Date (actual or estimated)		e. Estimated Cost (in thousands)	
Projects listed are JNEI's or Judith Nitsch's individual experience.								Work for which Firm was responsible	
Pleasant Valley Parkway Providence, RI	Drainage, Grading and Permitting	Providence Parks Dept. Roger Williams Park Providence, RI 02905	1991	269.0	6.6 (fee)				
Lowell Parks Dept. Lowell, MA	Drainage and Permitting	City of Lowell Division of Plng. & Dev. Lowell, MA	1991	200.0	5.0 (fee)				
Chilled Water Line Faneuil Hall Boston, MA	Civil Engineering Services	National Park Service c/o Goody, Clancy & Assoc. 334 Boylston Street Boston, MA 02116	N/A		8.0 (fee)				
Building 36 Site Plan Northwest Park Burlington, MA	Site Design, Parking Layout and Permitting	Norblom Company Real Est. 31 Third Avenue Burlington, MA 01803	1991	750.0	8.0 (fee)				
Oak Knoll Subdivision Winchester, MA	Road and Utility Design, Drainage and Permitting	Stephen Parkhurst 11 Brooks Street Winchester, MA 01890	1991	180.0	40.0 (fee)				
Nursing Home at LaSalette Attleboro, MA	Site Design, Drainage and Permitting	Life Care Affiliates 3580 Keith Street NW Cleveland, TN 37320-3480	1991	6,150.0	15.0 (fee)				
William B. Rice Eventide Rest Home Quincy, MA	Site Plan and Permitting	William B. Rice Eventide Rest Home Quincy, MA	1991	2,600.0	20.0 (fee)				
Consulting Engineering Services Groton, MA	Peer Rev./Const. Admin. of Subdiv. and Site Plans	Groton P.B./Cons. Com. PO Box 669 Groton, MA 01450	Ongoing	N/A	45.0 (YTD) (fee)				
Chelsea Housing Authority Chelsea, MA	Site & Utility Design Constr. Admin.	Chelsea Housing Auth. 260 Clark Avenue Chelsea, MA 02150	1988	1,100	100.0 (fee)				
Harvard University Resident Housing Cambridge, MA	Design of Curb Cuts and Utility Connections	Goody, Clancy & Assoc. 334 Boylston Street Boston, MA 02116	1990	13,000	13.0 (fee)				

a. Project Name & Location		b. Nature of Firm's Responsibility	c. Agency (Responsible Office) Name & Address	d. Percent complete	e. Estimated Cost (In Thousands)
					Work for which firm is responsible

Judith Nitsch Engineering, Inc. (JNEI) was formed in September 1989 to provide civil/site engineering, planning, design and consulting services to public and private clients. The firm is a small business and is 100% woman-owned. The firm is certified as a Woman-Owned Business Enterprise (WBE) by the Massachusetts Water Resources Authority. The two Professional Engineers in the firm are Judith Nitsch and Lisa A. Brothers.

As President and sole owner, Judith Nitsch, P.E. has over 16 years of experience in civil engineering. Her relevant project experience includes designing and managing the design and layout of roads, facility sites, subdivisions, parking areas, subsurface sewage disposal systems and drainage facilities; providing permitting assistance; and providing construction administration for public sector projects and residential and commercial developments.

Ms. Nitsch is a Registered Professional Engineer in Massachusetts and is also a licensed Construction Supervisor. Ms. Brothers has worked with Ms. Nitsch for 3 years including her previous employment with Allen Demurjian, Major & Nitsch, Inc. and subsequently with JNEI.

JNEI has an AST 386 computer and a Calcomp 1043GT Plotter for engineering applications. The firm utilizes AutoCAD and DCA; software for drainage design includes HydroCAD, Soil Conservation Service Technical Release 20 (TR20) and Technical Release 55 (TR55). Additional software includes Timeslips III, WordPerfect and Lotus 1-2-3.

11. The foregoing is a statement of facts.
Signature: Judith Nitsch
Typed Name and Title: Judith Nitsch, P.E., President

Date:

April 30, 1991

FOHMH (SF) | The Halvorson Company, Inc.
161 Massachusetts Avenue
Boston, Massachusetts 02115-3050

254

Architect-Engineer
and Related Services
Questionnaire

1983 | March 19, 1991
4. Specify type of ownership and check below, if applicable.

Corporation

A. Small Business
B. Small Disadvantaged Business
C. Woman-owned Business

1a. Submittal is for Parent Company Branch or Subsidiary Office

5. Name of Parent Company, if any:

The Halvorson Company, 1980
139 West Canton Street
Boston, Massachusetts 02118

6. Names of not more than Two Principals to Contact: Title / Telephone

- 1) Craig C. Halvorson, President (617) 536-0380
- 2) Peter C. Welanetz, Vice President (617) 536-0380

7. Present Offices: City / State / Telephone / No. Personnel Each Office

The Halvorson Company, Inc.
161 Massachusetts Avenue
Boston, Massachusetts 02115-3050

(617) 536-0380

8. Personnel by Discipline: (List each person only once, by primary function.)

<input type="checkbox"/> Administrative	<input type="checkbox"/> Oceanographers
<input type="checkbox"/> Architects	<input type="checkbox"/> Planners: Urban/Regional
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Soils Engineers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Draftsmen	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Surveyors
<input type="checkbox"/> Economists	<input type="checkbox"/> Transportation Engineers

9. Summary of Professional Services Fees
Received: (Insert index number)

19 90	19 89	19 88	19 87	19 86
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
5	5	5	4	3
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

Last 5 Years (most recent year first)

19 90	19 89	19 88	19 87	19 86
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
5	5	5	4	3
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

Direct Federal contract work, including overseas
All other domestic work
All other foreign work*

*Firms interested in foreign work, but without such experience, check here:

Ranges of Professional Services Fees

INDEX	1. Less than \$100,000
	2. \$100,000 to \$250,000
	3. \$250,000 to \$500,000
	4. \$500,000 to \$1 million
	5. \$1 million to \$2 million
	6. \$2 million to \$5 million
	7. \$5 million to \$10 million
	8. \$10 million or greater

Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)	Profile Code	Number of Projects	Total Gross Fees (In thousands)
1) 012	1	20.5	11) 050	80	1,700.0	21) 110	14	287.0
2) 014	2	41.0	12) 052	1	20.0	22) 113	1	20.5
3) 017	7	143.5	13) 058	2	41.0	23)		
4) 019	1	20.5	14) 059	10	205.0	24)		
5) 029	15	325.0	15) 060	4	82.0	25)		
6) 042	3	50.0	16) 072	4	300.0	26)		
7) 046	5	125.0	17) 078	3	61.5	27)		
8) 047	4	82.0	18) 079	6	150.0	28)		
9) 048	6	123.0	19) 088	20	425.0	29)		
10) 049	4	110.0	20) 109	1	20.5	30)		

11. Project Examples, Last 5 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (In thousands)	Completion Date (Actual or Estimate)
059	C	1 New England Telephone Headquarters Bldg. 185 Franklin Street Boston, Massachusetts	Goody Clancy & Associates, Inc. 334 Boylston Street Boston, MA 02116	\$ 125	1991
059	C	2 Boston City Hall Congress Street Entrance Improvements Boston, Massachusetts	Fay, Spofford & Thorndike 191 Spring Street P.O. Box 802 Lexington, MA 02173	\$ 343	1991
029	C	3 Boston College: New Science Bldg. Newton, Massachusetts	Ellenzweig Associates 1280 Massachusetts Ave. Cambridge, MA 02138	\$ 1,900	1991
029	C	4 Sandwich Schools: Ridge School Forestdale Sandwich, Massachusetts	HMFH Architects, Inc. 543 Green Street Cambridge, MA 02139	\$1400 (R.S.) \$1100 (F.S.)	1988
047	P	5 Highland Park Historic Restoration Master Plan Roxbury, Massachusetts	Boston Parks & Recreation Department Planning & Development 294 Washington St., Suite 430 Boston, Massachusetts	\$ 20 (Fee)	1988
049	C	6 Lewis Wharf Development Boston, Massachusetts	The Gunwyn Company 47 Thorndike Street Cambridge, MA 02141	\$ 3,000	1995 (Est.)
079	P	7 Charlestown Navy Yard Open Space Master Plan Boston, Massachusetts	Boston Redevelopment Authority Boston City Hall - Room 943 Boston, MA 02201	NA	2000 (Est.)

9	Westover Air Force Base Family Housing Repair and Modernization Chicopee, Massachusetts	Domenech, Hicks & Krochmalnic, Inc. 155 Massachusetts Ave. Boston, MA 02115	\$ 56	1995 (Est.)
050	C			
10	Eisai Pharmaceutical Co. Inc. Andover, Massachusetts	Ellenzweig Associates 1280 Massachusetts Avenue Cambridge, MA 02138	\$600	1989
058	C			
059	C	11 Boston Parks & Recreation Lands Assessment and Survey Boston, Massachusetts	Mayor's Office of Capital Planning City of Boston Boston, MA	\$125
059	P	12 Colby College Planting Master Plan Waterville, Maine	Colby College Department of Physical Plant Waterville, Maine	\$ 50 (PH #1)
012	P	13 Mount Auburn Cemetery Master Plan Cambridge, Massachusetts	Mt. Auburn Cemetery 580 Mount Auburn Street Cambridge, MA 02138	\$100 (fee)
059	P	14 Bucknell University Landscape Master Plan Lewisburg, Pennsylvania	Bucknell University Lewisburg, Pennsylvania 17837	\$ 75 (fee)
060	C	15 Museum of Fine Arts: North Yard Garden Boston, Massachusetts	Nakane Garden Research Corporation c/o Meservy Associates 48 Peter Parley Rd., Boston MA 02130	\$1250
079	P	16 Mystic Center Medford, Massachusetts	Cabot, Cabot & Forbes 60 State Street Boston, MA 02110	\$500
079	P	17 Wellesley Office Park Master Plan Wellesley, Massachusetts	Beacon Management Companies 3 Center Plaza Boston, MA 02108	\$ 30 (fee)
088	P	18 Charles Park Cambridge, Massachusetts	City of Cambridge Community Develop. City Hall Annex Inman and Broadway Cambridge, MA 02139	\$950
029	C	19 Lafayette College Farinon College Center Easton, Pennsylvania	Shepley Bulfinch Richardson & Abbott, Inc. 40 Broad Street Boston, MA 02109	\$350



088	P	Restoration Program Boston, Massachusetts	Community Development Department City of Cambridge Cambridge, Massachusetts	\$1000	1990
088	P	21 Front Park Cambridge, Massachusetts	Public Facilities Department City of Boston 15 Beacon Street, Boston, MA	\$550	1986
088	P	22 Hernandez School Park Boston, Massachusetts	CPF/Domenech & Hicks, Inc. 155 Massachusetts Avenue Boston, MA 02115	\$200	1988
050	C	23 Roxbury Corners Housing Roxbury, Massachusetts	Tent City Development Corporation Boston, Massachusetts	\$250	1990
088	C	24 Tent City Boston, Massachusetts	Metropolitan District Commission 20 Somerset Street Boston, MA 02108	\$800	1987
110	C	25 Beaver Brook Reservation Rehabilitation Belmont/ Waltham, Massachusetts	Fay, Spofford & Thorndike 191 Spring Street P.O. Box 802 Lexington, MA 02173	\$1200	1991
110	C	26 Boylston Street Sidewalk Improvements Boston, Massachusetts	City of Boston Public Facilities Department 15 Beacon Street Boston, MA	\$5000	1991
110	P	27 Cleary Square Street Improvements Hyde Park, Massachusetts	Notter Finegold + Alexander 77 N. Washington Street Boston, Massachusetts 02114	\$950	1988
017	C	28 Olmsted Plaza Boston, Massachusetts	Cabot, Cabot & Forbes 60 State Street Boston, Massachusetts	\$1000	1993
017	P	29 Wellington III Melford Massachusetts	Cambridge Redevelopment Authority Cambridge, MA	\$1000	1989
110	P	30 Kendall Square, Site Preparation Contract 15, Point Park Cambridge, Massachusetts			
12. The foregoing is a statement of facts Signature: <u>Peter C. Welanetz</u>					Date: March 19, 1991
Typed Name and Title: Peter C. Welanetz, Vice President					Standard Form 254, Rev 1474

FORM (SF)
255Blair Site
Dudley Square Area
Boston, MassachusettsNumber, if any:
Date, if any:Architect-Engineer
Related Services
for Specific
Project

3. Firm (or Joint-Venture) Name & Address

The Halvorsen Company, Inc.
161 Massachusetts Avenue
Boston, MA 02115

3a. Name, Title & Telephone Number of Principal to Contact

John Tingley, (617) 536-0380

3b. Address of office to perform work, if different from Item 3

4. Personnel by Discipline:

<input type="checkbox"/> 5. Administrative	<input type="checkbox"/> Electrical Engineers
<input type="checkbox"/> Architects	<input type="checkbox"/> Estimators
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geologists
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Hydrologists
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Interior Designers
<input type="checkbox"/> Draftsmen	<input type="checkbox"/> 14 Landscape Architects
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Mechanical Engineers
<input type="checkbox"/> Economists	<input type="checkbox"/> Mining Engineers
	<input type="checkbox"/> Oceanographers
	<input type="checkbox"/> Planners: Urban/Regional
	<input type="checkbox"/> Sanitary Engineers
	<input type="checkbox"/> Soils Engineers
	<input type="checkbox"/> Specification Writers
	<input type="checkbox"/> Structural Engineers
	<input type="checkbox"/> Surveyors
	<input type="checkbox"/> Transportation Engineers
	<input type="checkbox"/> 19 Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm:
(Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? yes no

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)
POST OFFICE SQUARE PARK Boston, Massachusetts	SD, DD, CD, CA	Friends of Post Office Square 50 Federal Street Boston, MA 02110	1991	\$4,000.00
BOYLSTON STREET SIDEWALK IMPROVEMENTS Boston, Massachusetts	MP	City of Boston, Dept. of Public Works City Hall One City Hall Square Boston, MA 02201	1990	NA ALL
CONGRESS STREET MEDIAN IMPROVEMENTS Boston, Massachusetts	SD, DD, CD, CA	City of Boston, Dept. of Public Works City Hall One City Hall Square Boston, MA 02201	1990	\$400.00
CLEARY SQUARE & LOGAN SQUARE Boston, Massachusetts	SD, DD, CD, CA	City of Boston Public Facilities Department 26 Court Street Boston, MA 02108	1988	\$950.00
DORCHESTER LOWER MILLS STREETSCAPE IMPROVEMENTS - PHASE ONE	SD, DD, CD, CA	City of Boston Public Facilities Department 26 Court Street Boston, MA 02108	1884	\$450.00
DORCHESTER LOWER MILLS STREETSCAPE IMPROVEMENTS - PHASE TWO	SD, DD, CD, CA	City of Boston Public Facilities Department 26 Court Street Boston, MA 02108	1988	\$550.00
RECONSTRUCTION OF CITY HALL PARKING LOT Melrose, Massachusetts	SD, DD, CD, CA	Office of Community Development City Hall Melrose, MA 02176	1988	\$200.00
LESLEY COLLEGE PARKING STUDY Cambridge, Massachusetts	MP	Lesley College 29 Everett Street Cambridge, MA 02138	1988	NA ALL

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

<p>a. Name & Title: John Tingley, Vice President</p>	<p>b. Project Assignment: Landscape Architectural Principal-in-Charge</p>	<p>c. Name of Firm with which associated: The Halvorson Company, Inc.</p>	<p>d. Years experience: With This Firm ____ With Other Firms 9 d. Years experience: With This Firm ____ With Other Firms ____</p>	<p>e. Education: Degree(s) / Year / Specialization B.L.A. 1973 University of Toronto, Landscape Architecture</p>	<p>f. Active Registration: Year First Registered/Discipline 1977 Landscape Architecture, Mass. Reg. No. 578</p>	<p>g. Other Experience and Qualifications relevant to the proposed project:</p> <p>Boston City Hall East Entrance Improvements, Principal-in-charge for the renovations and improvements to the east entrance to the Boston City Hall. As the city has developed in and around the Quincy Market area, the east entrance to the Boston City Hall has increased in importance. Improvements will establish this as a primary entrance with an appropriate character and visual identity. Improvements include new pedestrian and vehicular circulation, new paving surfacing, site furniture, trees and a major new monument to the immigrants of Boston.</p> <p>Olmsted Plaza, Principal-in-charge for a major new biomedical research facility located at the corner of Brookline Avenue and The Fenway. The proposed complex features an adaptive reuse of the landmark Art Deco Sears Building for 1.3 million square feet of research, office and retail space; the design of two additional office buildings and a 1500 car garage. The landscape design minimizes the massive building scale and creates a lively new urban streetscape along Brookline Avenue. Other project elements include a new urban park completing the Fenway park system, a plaza, a daycare play area, and pedestrian courts an pathways for employees and neighborhood use.</p>
<p>a. Name & Title:</p>	<p>b. Project Assignment:</p>	<p>c. Name of Firm with which associated:</p>	<p>d. Education: Degree(s) / Year / Specialization</p>	<p>f. Active Registration: Year First Registered/Discipline</p>	<p>STANDARD FORM NO. 17 APR 1964</p>	

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

<p>a. Name & Title: Robert J. Kreig</p> <p>b. Project Assignment: Landscape Architectural Project Manager</p> <p>c. Name of Firm with which associated: The Halvorson Company, Inc.</p>	<p>b. Project Assignment:</p> <p>c. Name of Firm with which associated:</p>	<p>c. Name of Firm with which associated:</p> <p>d. Years experience: With This Firm 2 With Other Firms 5</p>	<p>d. Years experience: With This Firm — With Other Firms —</p> <p>e. Education: Degree(s) / Year / Specialization</p> <p>B.L.A. 1984 State Univ. of New York Landscape Architecture</p>	<p>f. Active Registration: Year First Registered/Discipline</p> <p>1989 Landscape Architecture Mass. Reg. No. 974</p>	<p>g. Other Experience and Qualifications relevant to the proposed project:</p> <p>Boston City Hall East Entrance Improvements, Project Manager, Staff Landscape Architect for the renovations and improvements to the east entrance to the Boston City Hall. As the city has developed in and around the Quincy Market area, the east entrance to the Boston City Hall has increased in importance. Improvements will establish this as a primary entrance with an appropriate character and visual identity. Improvements include new pedestrian and vehicular circulation, new paving surfacing, site furniture, trees and a major new monument to the immigrants of Boston.</p> <p>Olmsted Plaza, Staff Landscape Architect for a major new biomedical research facility located at the corner of Brookline Avenue and The Fenway. The proposed complex features an adaptive reuse of the landmark Art Deco Sears Building for 1.3 million square feet of research, office and retail space; the design of two additional office buildings and a 1500 car garage. The landscape design minimizes the massive building scale and creates a lively new urban streetscape along Brookline Avenue. The project elements include a new urban park comprising the Fenway park system, a plaza, a daycare play area, and pedestrian courts an pathways for employees and neighborhood use.</p> <p>Garvey Park and Roman Park, Project Manager and Landscape Architect for the renovation of two City of Boston neighborhood parks. Services provided include design, preparation of contract documents, and construction administration. Improvements have been made to a variety of playgrounds, sports fields, new totlots, and court areas.</p>
--	---	--	---	--	---

• FIRM DESCRIPTION

The Halvorson Company, Inc. is a Boston based firm that provides professional landscape architectural, site planning and urban design services to a broad range of clients throughout New England and the eastern United States. Since its founding in 1980 the firm has been dedicated to helping municipalities, public agencies, institutions, and private organizations realize their goals for exemplary landscapes and urban open spaces. THC has earned a reputation among clients and professional colleagues for:

- High quality design and attention of senior personnel through all project phases.
- Collaborative consulting process that fosters aesthetically pleasing and workable design solutions appropriate to each site and project context.
- Full command of technical issues affecting projects.
- Strong presentation and community relations skills.
- Careful detailing and documentation for accurate cost estimating and bidding, quality construction, and long-term maintenance.
- Highly experienced staff committed to the firm.

• Projects in the City of Boston

The Halvorson Company has enjoyed long-term working relationships with many of the agencies in Boston responsible for public landscapes, and the firm is proud of the role it has played in creating and enhancing parks, streetscapes and other open spaces for the people who live, work and visit the City. The firm has maintained its professional offices in downtown Boston since its founding in 1980, and its familiarity with Boston's many neighborhoods and districts has led to additional consulting assignments with private developers involved in Boston projects. Project experience ranges from neighborhood park and streetscape improvements to major new park designs, a comprehensive inventory of the City's open spaces, master plans for historic landscapes and urban districts, and commercial landscape developments.

• Neighborhood Landscape Design

The planning, design and redesign of neighborhood parks, streetscapes and open spaces has become a special capability of The Halvorson Company. The firm has demonstrated time and again its ability to establish a dialogue among all of the interested public agencies, neighborhood groups and other public and private constituencies, to seek input at all levels, and then to develop a design concept and plan for implementation that is both an excellent design solution on its own, and responsive to the particular community.

The Halvorson Company has designed and overseen construction of projects in most of the neighborhoods of Boston and Cambridge, as well as in other urban districts throughout New England. The firm has enjoyed long-term working relationships with many different city agencies and organizations; they recognize the firm's ability to create parks and streetscapes that reflect the special character and needs of each neighborhood, and that also stand the tests of time and heavy use.

• Streetscape Design

Together with park design and renovation, streetscape design comprises a large part of The Halvorson Company's professional practice. Over the past ten years, the firm has designed and overseen construction of dozens of major streetscape improvements projects in Boston and throughout New England. It offers considerable technical as well as design experience in this type of project; and experience is critical to quality and efficiency in streetscape design, since the process requires a complex synthesis of community planning, horticultural and engineering requirements, urban design perspectives, and park design expertise.

The Halvorson Company enjoys strong working relationships with leading traffic and civil engineering consultants, and has proven its ability to work with team consultants, public agencies, and community groups in developing a physical design appropriate to the urban and regional context, and a construction phasing plan that best serves all affected parties. To maximize redevelopment dollars, clients rely upon the firm's in-depth knowledge of street furnishings and detailing, its accurate cost estimating services, and its understanding of what can be achieved within the limits of budget constraints and competitive-bid construction.

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

STANDARD FORM 254 (Rev. 10-87)
April 29, 1991

11. The foregoing is a statement of facts
Signature  Typed Name and Title: Peter C. Welanetz, Vice President

Date:

QSA DC 78-10844

STANDARD FORM 254 (Rev. 10-87)

1. Firm Name / Business Address:

Survey Resources, Inc.
4 First Street
Bridgewater, MA 02324

2. Year Present Firm Established:

1981

3. Date Prepared:

12/28/90

4. Specify type of ownership and check below, if applicable

Small Business

Architect-Engineer
and Related Services
Questionnaire

1a. Submittal is for Parent Company Branch or Subsidiary Office

5. Name of Parent Company, if any

N / A

N / A

6. Names of not more than Two Principals to Contact: Title / Telephone

1) Nicholas W. Blinow, pls President 508-697-6911
2)

7. Present Offices: City / State / Telephone / No. Personnel Each Office

Bridgewater, MA
508-697-6911
10 employees

Providence, RI
401-751-2670

8. Personnel by Discipline: (List each person only once, by primary function.)

- Administrative
- Electrical Engineers
- Oceanographers
- Architects
- Estimators
- Planners: Urban/Regional
- Chemical Engineers
- Geologists
- Sanitary Engineers
- Civil Engineers
- Hydrologists
- Soils Engineers
- Construction Inspectors
- Interior Designers
- Specification Writers
- Landscape Architects
- Structural Engineers
- 2 Draftsmen
- Mechanical Engineers
- Surveyors
- Economists
- Mining Engineers
- Transportation Engineers

9. Summary of Professional Services Fees
Received: (Insert index number)

Last 5 Years (most recent year first)	
19 90	19 89
4	4
_____	_____
_____	_____

Direct Federal contract work, including overseas
All other domestic work
All other foreign work*

*Firms interested in foreign work, but without such experience, check here:

10. Ranges of Professional Services Fees

INDEX	Ranges of Professional Services Fees
1	Less than \$100,000
2	\$100,000 to \$250,000
3	\$250,000 to \$500,000
4	\$500,000 to \$1 million
5	\$1 million to \$2 million
6	\$2 million to \$5 million
7	\$5 million to \$10 million
8.	\$10 million or greater

10. Profile of Firm's Project Experience, Last 5 Years

Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1)			11)			21)		
2)			12)			22)		
3)			13)			23)		
4)			14)			24)		
5)			15)			25)		
6)			16)			26)		
7)			17)			27)		
8)			18)			28)		
9)			19)			29)		
10)			20)			30)		

11. Project Examples, Last 5 Years

Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
102	c	1 Filenes Department Stores Hyannis, Natick, Burlington Newton, Peabody, MA	Smith-Roberts & Associates Oklahoma City, OK	50K	Jan 90
102	c	2 Salem Hospital Salem, MA	Salem Hospital Salem, MA	8K	Feb 90
102	c	3 Garvey Park Dorchester, MA	The Halvorson Co. Boston, MA	8.4K	March 90
102	c	4 Swansea School Swansea, MA	Design Partnership of Cambridge Cambridge, MA	5.2K	Feb 90
102	c	5 Ronan Park Dorchester, MA	The Halvorson Co. Boston, MA	8.4K	April 90
102	c	6 Berkeley Building Boston, MA	John Hancock Insurance Co. Boston, MA	13K	Aug 90
102	c	7 Seekonk, MA	Algonquin Gas Transmission Co. Boston, MA	50K	In progress

102	c	Hyde Square Jamaica Plain, MA	Neighborhood Devel. Corp. Jamaica Plain, MA	15K	Dec 90'
102	c	Boynton Yards Surveys Somerville, MA	Office of Planning & Community Development	11K	Jan 89'
102	c	Summit Road Site Exeter, RI	Dept. of Environmental Mgt. Providence, RI	10.4K	Jan 89'
102	c	Warwick City Park Warwick, RI	Albert Veri & Associates Providence, RI	20K	April 89'
102	c	Edgartown, MA North Water Street	The Halvorson Co. Boston, MA	30K	June 89'
102	c	Charles Park Cambridge, MA	The Halvorson Co. Boston, MA	4K	Dec 89'
102	c	Victory Field Watertown, MA	The Halvorson Co. Boston, MA	7K	Dec 89'
102	c	Newcomb Family Housing Norton, MA	Norton Housing Authority Norton, MA	7K	Jan 83'
102	c	Codman Square Revitalization Dorchester, MA	Public Facilities Dept. Boston, MA	22K	Mar 88'
102	c	South Street Bridge Weston-Waltham, MA	Commonwealth of Massachusetts Dept. of Public Works	8K	Apr 88'
102	c	Bliss School Attleboro, MA	Attleboro Housing Authority Attleboro, MA	9K	May 88'
102	c	Route 114 Site Andover, MA	Amoskeag Management Boston, MA	13K	Nov 88'

102	c	Boxford Site Boxford, MA	Trident Corp. Salem, NH	17K	Jan 87'
102	c	21 Trout Brook Bridge Brockton, MA	Seeley Stevenson Value & Knecht Boston, MA	3.6K	Mar 87'
102	c	22 Boston Infill Housing Boston, MA	CEDAK Boston, MA	17K	Mar 87'
102	c	23 Milliston Apartments Milliston, MA	Kenwood Organization Natick, MA	6K	July 87'
102	c	24 Summer & Congress Streets Boston, MA	Commonwealth of Mass Department of Public Works	8K	Aug 87';
102	c	25 Somerville Lumber Co. Somerville, MA	Payless Cashways Oklahoma City, OK	13K	Aug 87';
102	c	26 Hernandez School Boston, MA	City of Boston Boston, MA	7.5K	Aug 87'
102	c	27 Revere Housing Sites Revere, MA	Revere Housing Authority Revere, MA	9K	Mar 86'
102	c	28 Summer Street Site Weymouth, MA	Gale Engineering Weymouth, MA	9.5K	Mar 86'
102	c	29 Avenue "B" Site Lowell, MA	Lowell Housing Authority Lowell, MA	5.2K	Dec 86'
102	c	30 Haverhill Site Haverhill, MA	Haverhill Housing Authority Haverhill, MA	7K	Mar 86'

**STANDARD
FORM (SF)
255**
Architect-Engineer
Related Services
for Specific
Project

Blair Site
Boston, MA

3. Firm (or Joint-Venture) Name & Address

Survey Resources, Inc.
4 First Street
Bridgewater, MA. 02324

2a. **Commerce Business
Daily Announcement
Date, if any:**
2b. **Agency Identification
Number, if any:**

3a. Name, Title & Telephone Number of Principal to Contact

Nicholas W. Blinow, President
(508) 697-6911

3b. Address of office to perform work, if different from item 3

4. Personnel by Discipline:

<input type="checkbox"/> Administrative	<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Oceanographers	<input type="checkbox"/> 1 Research Specialist
<input type="checkbox"/> Architects	<input type="checkbox"/> Estimators	<input type="checkbox"/> Planners: Urban/Regional	<input type="checkbox"/> 1 Office Manager
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geologists	<input type="checkbox"/> Sanitary Engineers	<input type="checkbox"/> 1 Secretary
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Hydrologists	<input type="checkbox"/> Soils Engineers	<input type="checkbox"/> 4 Survey Assistants
<input type="checkbox"/> 2 Construction Inspectors	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Specification Writers	<input type="checkbox"/> _____
<input type="checkbox"/> Draftsmen	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> 8 Structural Engineers	<input type="checkbox"/> _____
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Surveyors	<input type="checkbox"/> _____
<input type="checkbox"/> Economists	<input type="checkbox"/> Mining Engineers	<input type="checkbox"/> Transportation Engineers	<input type="checkbox"/> _____ Total Personnel

5. If submittal is by Joint-Venture list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm:
(Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together?

yes no

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title:

Nicholas W. Blinow, PLS

a. Name & Title:

Pamela M. Welch, Vice President

b. Project Assignment:

Project Manager

b. Project Assignment:

Survey Supervisor

c. Name of Firm with which associated:

Survey Resources, Inc.

c. Name of Firm with which associated:

Survey Resources, Inc.

d. Years experience: With This Firm 10

With Other Firms 13

d. Years experience: With This Firm 16

With Other Firms 6

e. Education: Degree(s) / Year / Specialization

Lincoln College
Northeastern University

e. Education: Degree(s) / Years / Specialization

Northeastern University

f. Active Registration: Year First Registered/Discipline

1981/Registered Land Surveyor, Massachusetts
Registrations: VT, RI, NH, ME

f. Active Registration: Year First Registered/Discipline

1989/Surveyor In Training Certificate

g. Other Experience and Qualifications relevant to the proposed project:

g. Other Experience and Qualifications relevant to the proposed project:

7. Brief Resume of Key Persons, Specialists, and Individual Consultants Anticipated for this Project

a. Name & Title: _____

b. Project Assignment: _____

c. Name of Firm with which associated: _____

d. Years experience: With This Firm _____
With Other Firms _____

e. Education: Degree(s) / Year / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

a. Name & Title: _____

b. Project Assignment: _____

c. Name of Firm with which associated: _____

d. Years experience: With This Firm _____
With Other Firms _____

e. Education: Degree(s) / Years / Specialization

f. Active Registration: Year First Registered/Discipline

g. Other Experience and Qualifications relevant to the proposed project:

8. Work by Firm or Joint Venture Members which Best Illustrates Current Qualifications Relevant to this Project (List not more than 10 Projects)

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	Work for which Firm was/is responsible
(1) Various Parks, Boston Ronan, Corbet & Garvey	Existing Condition Surveys	Boston Parks Dept. Boston, MA	Mar 90'	22K	
(2) Hyde Sq. Housing Roxbury, MA	Existing Conditions Survey & Conveyancing Plats	NDC/Jamaica Plain 31 Germania St. Jamaica Plain, MA	Apr 90'	15K	
(3) Roxbury Corners Housing Northampton St. & Washington St.	Existing Conditions Survey	Boston Redevelopment Authority Boston, MA	May 89'	6.4K	
(4) Heath St. Housing Heath Street	Existing Conditions Survey	Boston Housing Authority Boston, MA	Dec 88'	33K	
(5) Roslindale Sq. Roslindale, MA	Streetscape Improvements	Boston Public Facilities	Jan 88'	7K	
(6) Infill Housing Project Various: Dorchester, Roxbury	Existing Conditions Surveys-15 Sites	CEDAC Boston, MA	Mar 87'	17K	
(7) Hernandez School Roxbury, MA	Existing Conditions Survey	Boston Public Facilities Boston, MA	Aug 87'	7.5K	
(8) Codman Square	Streetscape Improvements	Boston Public Facilities	Oct 87'	22K	
(9) Hyde Park Sq. Hyde Park, MA	Streetscape Improvements	Boston Facilities	April 86'	9.8K	
(10) Pierce Sq. Housing Boston, MA	Streetscape Improvements	Boston Public Facilities	Oct 84	5.5K	

10. Use this space to provide any additional information or description of resources supporting your firm's qualifications for the proposed project

11. The foregoing is a statement of facts

Signature:

Printed Name and Title:

Nicholas W. Blinow, President

Date:

April 29, 1991

**STANDARD
FORM (SF)**
254
Architect-Engineer
and Related Services
Questionnaire

1. Firm Name / Business Address:
Verne G. Norman Associates, Inc.
541 Main Street
So. Weymouth, Ma. 02190

2. Year Present Firm
Established: 1989
3. Date Prepared:
April 24, 1991

4. Type of Ownership:
 4a. Minority Owned yes no

1a. Submittal Is for Parent Company Branch Office

5. Name of Parent Company, If any:

Verne G. Norman Associates, Inc. 1968

6. Names of not more than Two Principals to Contact: Title / Telephone

1) Frederick P. Göff, President 617-335-4200
2) John C. Howard, Treasurer 617-335-4200

7. Present Offices: City / State / Telephone / No. Personnel Each Office

541 Main Street
So. Weymouth, Ma. 02190
617-335-4200

8. Former Firm Name(s), If any, and Year(s) Established:

Verne G. Norman Associates, Inc. 1968

9. Summary of Professional Services Fees
Received: (Insert Index number)

	Last 5 Years (most recent year first)			
1	19 90	19 89	19 88	19 87
2	4	4	4	4
3				
4				
5				
6				
7				
8				

Direct Federal contract work, including overseas
All other domestic work
All other foreign work
*Firms Interested in foreign work, but without such experience, check here:

10. Ranges of Professional Services Fees
1. Less than \$100,000
2. \$100,000 to \$250,000
3. \$250,000 to \$500,000
4. \$500,000 to \$1 million
5. \$1 million to \$2 million
6. \$2 million to \$5 million
7. \$5 million to \$10 million
8. \$10 million or greater

11. Personnel by Discipline:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------

*Firms Interested in foreign work, but without such experience, check here:

Code	Projects	Profile Code	Code (In thousands)	Projects (In thousands)	Code (In thousands)	Projects (In thousands)	Code (In thousands)	Projects (In thousands)
1) 036	40		11) 045	15	21)	350	21)	
2) 050	45		12) 052	8	22)	50	22)	
3) 031	2		13) 057	10	23)	65	23)	
4) 049	5		14) 061	3	24)	45	24)	
5) 050	45		15) 062	10	25)	50	25)	
6) 008	5		16) 072	20	26)	200	26)	
7) 014	4		17) 094	20	27)	125	27)	
8) 017	6		18) 105	10	28)	40	28)	
9) 029	15		19) 059	15	29)	55	29)	
10) 113	6		20)		30)			

11. Project Examples, Last 5 Years

Profile Code	Project Name and Location	Owner Name and Address	Cost of Work (In thousands)	Completion Date (Actual or Estimated)
031	1 Old Harbor Park Boston, Ma.	Metropolitan District Commission Boston, Ma.	320	Nov. 91
036	2 Great Brook Valley Housing Worcester, Ma.	Worcester Housing Authority	650	---
050	3 Main Street Revitalization Fall River, Ma.	Fall River Redevelopment Authority Fall River, Ma.	300	Sept. 91
079	4 Kimball Court II Woburn, Ma.	Joseph Mullins Co. Braintree, Ma.	16000	Jan. 91
106	5 Newburyport Park Renovations Newburyport, Ma.	Town of Newburyport Newburyport, Ma.	150	July 87
059	6 Canton Housing Canton, Ma.	Canton Housing Authority	42	Sept. 90
062	7 HCHB Kenmore Center Boston, Ma.	Harvard Community Health Plan Brookline, Ma.	140	July 91



036	C	New Bedford, Ma.	Quincy, Ma.	4600	--
105	032	9 Northeastern University Park Boston, Ma.	Northeastern University Boston, Ma.	135	Oct. 90
036	C	10 Landmark Housing Braintree, Ma.	F. X. Messina Co. Braintree, Ma.	12000	Oct. 90
105	050	11 Langham Court Boston, Ma.	Langham Court Ltd. Partnership Boston, Ma.	8500	June 91
036	079	12 Lithgow Block Boston, Ma.	Codman HDC Square Housing Dev. Corp. Dorchester, Ma.		
105	050	13 Coggshall PARK Fitchburg, Ma.	Fitchburg Redevelopment Authority Fitchburg, Ma.	60	Dec 91
036	079	14 North Canal Apartments Lowell, Ma.	No. Canal Housing Trust Lowell, Ma.	25000	Sept. 90
105	050	15 Mass. Mills II Lowell, Ma.	Joseph R. Mullins Co. Braintree, Ma.	8950	Mar. 90
036	079	16 Kennedy Biscuit Factory Cambridge, Ma.	KEEN Development Cambridge, Ma.	7950	Mar. 90
105	050	17 Littleton Housing Littleton, Ma.	State Street Development Boston, Ma.	35000	April 89
036	079	18 Cathedral Housing Boston, Ma.	Boston Housing Authority Boston, Ma.	8000	--
105	050	19 Arbor Commons Shrewsbury, Ma.	John M. Corcoran & Co. Milton, Ma.	16500	Dec. 91
036	079				

079	C	Cape Codder Falmouth, Ma.	1300	Sept. 89
050	C			
105				
025				
079	C	Bishops Forest Waltham, Ma.	2410	Oct. 89
050	C			
105				
036				
079	C	Back of the Hill Apartments Boston, Ma.	2150	Oct. 89
050	C			
105				
036				
079	C	Mount Florence Peekskill, NY	25000	Jan. 90
050	C			
105				
036				
079	C	Seascape Hull, Ma.	8750	Dec. 89
050	C			
105				
036				
079	P	Bishop Markham Village Lowell, Ma.	112	Aug. 88
036	P			
105				
036	P	Peabody Court No. Reading, Ma.	40	Sept. 90
070	P			
106	P	Electrical Renovations Woods Hole Steamship Authority Woods Hole, Ma.	275	Feb. 91
106	P			
050	P	Riverview Housing Quincy, Ma.	190	Dec. 91
036	P			
050	P	Smug Harbor/Martenson St. Quincy, Ma.	126	Nov. 90
061	P			
050	P	North Common Village Lowell, Ma.	99	April 90
				Date: April 24, 1991
				Typed Name and Title: Frederick P. Goff, President
				Signature: 
				12. The foregoing is a statement of facts



Form (SF) and Related Services Questionnaire for Specific Project 255

Purpose:
This form is a supplement to the "Architect-Engineer and Related Services Questionnaire" (SF 254). Its purpose is to provide additional information regarding the qualifications of interested firms to undertake a specific Federal A/E project. Firms, or branch offices of firms, submitting this form should enclose (or already have on file with the appropriate office of the agency) a current (within the past year) and accurate copy of the SF 254 for that office.

The procurement official responsible for each proposed project may request submission of the SF 255 "Architect-Engineer and Related Services Questionnaire for Specific Project" in accord with applicable civilian and military procurement regulations and shall evaluate such submissions, as well as related information contained on the Standard Form 254, and any other performance data on file with the agency, and shall select firms for subsequent discussions leading to contract award in conformance with Public Law 92-582. This form should only be filed by an architect-engineer or related services firm when requested to do so by the agency or by a public announcement. Responses should be as complete and accurate as possible, contain data relative to the specific project for which you wish to be considered, and should be provided, by the required due date, to the office specified in the request or public announcement.

This form will be used only for the specified project. Do not refer to this submitted in response to other requests or public announcements.

Definitions:

"Architect-engineer and related services" are those professional services associated with research, development, design and construction, alteration, or repair of real property, as well as incidental services that members of these professions and those in their employ may logically or justifiably perform, including studies, investigations, surveys, evaluations, consultations, planning, programming, conceptual designs, plans and specifications, cost estimates, inspections, shop drawing reviews, sample recommendations, preparation of operating and maintenance manuals, and other related services.

"Principals" are those individuals in a firm who possess legal responsibility for its management. They may be owners, partners, corporate officers, associates, administrators, etc.

"Discipline", as used in this questionnaire, refers to the primary technological capability of individuals in the responding firm. Possession of an academic degree, professional registration, certification, or extensive experience in a particular field of practice normally reflects an individual's primary technical discipline.

"Joint Venture" is a collaborative undertaking of two or more firms or individuals for which the participants are both jointly and individually responsible.

"Key Persons, Specialists, and Individual Consultants", as used in this questionnaire, refer to individuals who will have major project responsibility or will provide unusual or unique capabilities for the project under consideration.

Instructions for Filing (Numbers below correspond to numbers contained in form):

1. Give name and location of the project for which this form is being submitted.
2. Provide appropriate data from the *Commerce Business Daily* (CBD) identifying the particular project for which this form is being filed.
 - 2a. Give the date of the *Commerce Business Daily* in which the project announcement appeared, or indicate "not applicable" (N/A) if the source of the announcement is other than the CBD.
 - 2b. Indicate Agency identification or contract number as provided in the CBD announcement.
3. Show name of the individual or firm (or joint venture) which is submitting this form for the project.
- 3a. List the name, title, and telephone number of that principal who will serve as the point of contact. Such an individual must be empowered to speak for the firm on policy and contractual matters and should be familiar with the programs and procedures of the agency to which this form is directed.
- 3b. Give the address of the specific office which will have responsibility for performing the announced work.
4. Insert the number of personnel by discipline presently employed (on date of this form) at work location. While some personnel may be qualified in several disciplines, each person should be counted only once in accord with his or her primary function. Include clerical personnel as "administrative." Write in any additional disciplines—sociologists, biologists, etc.—and number of people in each, in blank spaces.
5. Answer only if this form is being submitted by a joint venture of two or more collaborating firms. Show the names and addresses of all individuals or organizations expected to be included as part of the joint venture and describe their particular areas of anticipated responsibility (i.e., technical disciplines, administration, financial, sociological, environmental, etc.)
- 5a. Indicate, by checking the appropriate box, whether this particular joint venture has successfully worked together on other projects.

Each firm participating in the joint venture should have a Standard Form 254 on file with the contracting office receiving this form. Firms which do not have such forms on file should provide same immediately along with a notation

FORM (SF)
and Related Services
Questionnaire for
255 Specific Project

regarding their association with this joint venture submittal.

6. If respondent is not a joint venture, but intends to use outside (as opposed to in house or permanently and formally affiliated) consultants or associates, he should provide names and addresses of all such individuals or firms, as well as their particular areas of technical/professional expertise, as it relates to this project. Existence of previous working relationships should be noted. If more than eight outside consultants or associates are anticipated, attach an additional sheet containing requested information.

7. Regardless of whether respondent is a joint venture or an independent firm, provide brief resumes of key personnel expected to participate on this project. Care should be taken to limit resumes to only those personnel and specialists who will have major project responsibilities. Each resume must include: (a) name of each key person and specialist and his or her title, (b) the project assignment or role which that person will be expected to fulfill in connection with this project, (c) the name of the firm or organization, if any, with whom that individual is presently associated, (d) years of relevant experience with present firm and other firms, (e) the highest academic degree achieved and the discipline covered (if more than one highest degree, such as two Ph.D.'s, list both), the year received and the particular technical/professional discipline which that individual will bring to the project, (f) if registered as an architect, engineer, surveyor, etc., show only the field of registration and the year that such registration was first acquired. If registered in several states, do not list states, and (g) a synopsis of experience, training, or other qualities which reflect individual's potential contribution to this project. Include such data as: familiarity with Government or agency procedures, similar type of work performed in the past, management abilities, familiarity with the geographic area, relevant foreign language capabilities, etc. Please limit synopsis of experience to directly relevant information.

8. List up to ten projects which demonstrate the firm's or joint venture's competence to perform work similar to that likely to be required on this project. The more recent such projects, the better. Prime consideration will be given to projects which illustrate respondent's capability for performing work similar to that being sought. Required information must include: (a) name and location of project, (b) brief description of type and extent of services provided for each project (submissions by joint ventures should indicate which member of the joint venture was the prime on that particular project and what role it played), (c) name and address of the owner of that project (if Government agency, indicate responsible office), (d) completion date (actual or estimated), (e) total construction cost of completed project, (or where no construction was involved, the approximate cost of your work) and that portion of the cost of the project for which the named firm was/its responsible.

9. List only those projects which the A-E firm or joint venture, or members of the joint venture, are currently performing under direct contract with an agency or department of the Federal Government. Exclude any grant or loan projects being financed by the Federal Government but being performed under contract to other non-Federal governmental entities. Information provided under each heading is similar to that requested in the preceding item 8, except for (d) "Percent Complete." Indicate in this item the percentage of A-E work completed upon filling this form.

10. Through narrative discussion, show reason why the firm or joint venture submitting this questionnaire believes it is especially qualified to undertake the project. Information provided should include, but not be limited to, such data as: specialized equipment available for this work, any awards or recognition received by a firm or individuals for similar work, required security clearances, special approaches or concepts developed by the firm relevant to this project, etc. Respondents may say anything they wish in support of their qualifications. When appropriate, respondents may supplement this proposal with graphic material and photographs which best demonstrate design capabilities of the team proposed for this project.

11. Completed forms should be signed by the chief executive officer of the joint venture (thereby attesting to the concurrence and commitment of all members of the joint venture), or by the architect/engineer principal responsible for the conduct of the work. In the event it is awarded to the organization submitting this form, joint ventures selected for subsequent discussions regarding this project must make available a statement of participation signed by a principal of each member of the joint venture. ALL INFORMATION CONTAINED IN THIS FORM SHOULD BE CURRENT AND FACTUAL.

<p>3. Firm (or Joint-Venture) Name & Address</p> <p>Verne G. Norman Associates, Inc. 541 Main Street South Weymouth, Ma. 02190</p>	<p>3a. Name, Title & Telephone Number of Principal to Contact</p> <p>Frederick P. Goff, President 617-335-4200</p>																																
<p>3b. Address of office to perform work, if different from item 3</p>																																	
<p>4. Personnel by Discipline:</p> <table> <tr> <td><u>1</u></td> <td><u>Administrative</u></td> <td><u>2</u></td> <td><u>Electrical Engineers</u></td> </tr> <tr> <td><u> </u></td> <td><u>Architects</u></td> <td><u> </u></td> <td><u>Estimators</u></td> </tr> <tr> <td><u> </u></td> <td><u>Chemical Engineers</u></td> <td><u> </u></td> <td><u>Geologists</u></td> </tr> <tr> <td><u> </u></td> <td><u>Civil Engineers</u></td> <td><u> </u></td> <td><u>Hydrologists</u></td> </tr> <tr> <td><u> </u></td> <td><u>Construction Inspectors</u></td> <td><u> </u></td> <td><u>Interior Designers</u></td> </tr> <tr> <td><u>3</u></td> <td><u>Draftsmen</u></td> <td><u> </u></td> <td><u>Landscape Architects</u></td> </tr> <tr> <td><u> </u></td> <td><u>Ecologists</u></td> <td><u> </u></td> <td><u>Mechanical Engineers</u></td> </tr> <tr> <td><u> </u></td> <td><u>Economists</u></td> <td><u> </u></td> <td><u>Mining Engineers</u></td> </tr> </table> <p>Total Personnel</p>		<u>1</u>	<u>Administrative</u>	<u>2</u>	<u>Electrical Engineers</u>	<u> </u>	<u>Architects</u>	<u> </u>	<u>Estimators</u>	<u> </u>	<u>Chemical Engineers</u>	<u> </u>	<u>Geologists</u>	<u> </u>	<u>Civil Engineers</u>	<u> </u>	<u>Hydrologists</u>	<u> </u>	<u>Construction Inspectors</u>	<u> </u>	<u>Interior Designers</u>	<u>3</u>	<u>Draftsmen</u>	<u> </u>	<u>Landscape Architects</u>	<u> </u>	<u>Ecologists</u>	<u> </u>	<u>Mechanical Engineers</u>	<u> </u>	<u>Economists</u>	<u> </u>	<u>Mining Engineers</u>
<u>1</u>	<u>Administrative</u>	<u>2</u>	<u>Electrical Engineers</u>																														
<u> </u>	<u>Architects</u>	<u> </u>	<u>Estimators</u>																														
<u> </u>	<u>Chemical Engineers</u>	<u> </u>	<u>Geologists</u>																														
<u> </u>	<u>Civil Engineers</u>	<u> </u>	<u>Hydrologists</u>																														
<u> </u>	<u>Construction Inspectors</u>	<u> </u>	<u>Interior Designers</u>																														
<u>3</u>	<u>Draftsmen</u>	<u> </u>	<u>Landscape Architects</u>																														
<u> </u>	<u>Ecologists</u>	<u> </u>	<u>Mechanical Engineers</u>																														
<u> </u>	<u>Economists</u>	<u> </u>	<u>Mining Engineers</u>																														

e. Name & Title:
Frederick P. Goff

a. Name & Title:
Robert Woolson

<p>b. Project Assignment: Principal In Charge</p>	<p>b. Project Assignment: Project Engineer</p>	<p>c. Name of Firm with which associated: Verne G. Norman Associates, Inc.</p>	<p>c. Name of Firm with which associated: Verne G. Norman Associates, Inc.</p>	<p>d. Years experience: With This Firm <u>24</u> With Other Firms <u>2</u></p>	<p>d. Years experience: With This Firm <u>1</u> month With Other Firms <u>25</u></p>	<p>e. Education: <u>Degree(s) / Year / Specialization</u> Franklin Institute of Boston - AIEE 1975</p>	<p>e. Education: <u>Degree(s) / Years / Specialization</u> Coyne Electrical & Technical School, Boston 1965 Certificate in Electrical Systems Construction & Design</p>	<p>f. Active Registration: Year First Registered/Discipline Massachusetts - 1988</p>	<p>f. Active Registration: Year First Registered/Discipline Massachusetts - 1989</p>	<p>g. Other Experience and Qualifications relevant to the proposed project: Mr. Goff has twenty-five years of experience in the design of building lighting, fire alarm and electrical distribution systems for commercial, institutional and residential facilities. His experience has included the design of primary and secondary electrical distribution systems for a one thousand three hundred unit residential community covering twenty-six city blocks in Boston. Other experience has included studies and tests for several residential, commercial and institutional facilities.</p>	<p>g. Other Experience and Qualifications relevant to the proposed project: Mr. Woolson's experience consists of twenty-five years of design and engineering of electrical systems for commercial, industrial, institutional and residential facilities. Included in these systems are lighting, power, life safety and industrial controls and energy management interface controls. Mr. Woolson has been responsible for the design of various specialty systems which are unique to hospitals and contain computer mainframe and power distribution equipment.</p>
--	---	---	---	--	--	---	--	---	---	---	--

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Owner's Name & Address	d. Completion Date (actual or estimated)	e. Estimated Cost (in thousands)	f. Work for which Firm was/ is responsible
(1) Northeastern Univ. Quad Boston, Ma.	Walkway & Landscape Lighting System	Northeastern University Boston, Ma.	Oct. 90	135	40
(2) Great Brook Valley Worcester, Ma.	Study & Testing of existing dist. for 600 unit housing complex	Worcester Housing Authority 81 Tacoma Street Worcester, Ma. 01605	--	650	650
(3) Millers River & JFK Apts. Cambridge, Ma.	Study, testing, design of electrical dist. facilities.	Cambridge Housing Authority 270 Green Street Cambridge, Ma. 02139	Oct. 87	450	450
(4) Newburyport Park Renov. Newburyport, Ma.	Park and Walkway Lighting System	Town of Newburyport Newburyport, Ma.	July 87	150	25
(5) ICHP Kenmore Boston, Ma.	Site and Garage Lighting System	ICHP 10 Brookline Place Brookline, Ma.	July 91	140	140
(6) Main Street Revitalization Fall River, Ma.	Park and Roadway Lighting	Fall River Redevelopment Authority Fall River, Ma.	Sept. 91	300	70
(7) Mass. Hlls Phases 1 and II. Lowell, Ma.	Electrical Systems Design for complete Facility.	Joseph R. Mullins 25 Braintree Hill Park Braintree, Ma. 02184	June 90	22000	22000
(8) Kennedy Biscuit Cambridge, Ma.	Electrical systems Design for complete facility.	Keen Development Two University Road Cambridge, Ma. 02238	March 90	8500	565
(9) Coggshall Park Fitchburg, Ma.	Lighting & Electric Service	Fitchburg Redevelopment Authority Fitchburg, Ma.	Dec. 91	60	15
(10) North Common Village Lowell, Ma.	Design for Exterior Lighting	Lowell Housing Authority 350 Moody Street Lowell, Ma. 01853	Apr 90	105	105

The firm of Verne G. Norman Associates, Inc. has been providing electrical engineering services for developers, HUD, EOCD, and housing authorities since 1975. Our experience in housing has included in excess of twenty-five thousand dwelling units at sixty developments in the New Hampshire, Vermont, Massachusetts, and Connecticut area. We have been responsible for all electrical engineering services required for the development of new facilities. Our firm has provided extensive electrical engineering services for housing authorities throughout the Commonwealth of Massachusetts. Our services have included testing of existing electrical facilities, studies of existing electrical distribution facilities, fire alarm, emergency call and emergency systems including the design and construction for several housing authorities. Our office has been regularly employed by housing authorities for HUD and EOCD work for the Commonwealth of Massachusetts.

Our office employs two (2) registered electrical engineers, one electrical designer, three draftspersons and a field supervisor to observe the electrical system construction.

Our facilities include the latest computer aided drafting systems and engineering software required to meet our clients requirements. The office utilizes five computer work stations for the preparation of contract documents for our clients. We have utilized computer facilities for our work for the last ten years.

Our office provided electrical engineering services on a thirteen hundred dwelling unit complex known as "Harbor Point" over a twenty-six block area for Peninsula Partners in Dorchester, Ma. This project was the revitalization of Columbia Point in Dorchester, Ma.

11. The foregoing is a statement of facts.

Date:

April 24, 1991

Typed Name and Title: Frederick P. Goff, President

Signature: 

Commonwealth of Massachusetts

PROJECT FEE BREAKDOWN

<u>Tasks</u>	<u>JNEI*</u>	<u>THC</u>	<u>SRI</u>	<u>VGNA</u>	<u>TOTAL</u>
Survey	350	-----	4,835	----	5,185
Preliminary Engineering	1,900	2,250	-----	500	4,650
Permitting	1,700	-----	-----	----	1,700
Community Participation Program	1,000	500	-----	-----	1,500
Final Design/Bid Documents	5,200	3,500	-----	2,215	10,915
Construction Services	250	-----	-----	-----	250
Expenses	<u>400</u>	<u>250</u>	<u>100</u>	<u>50</u>	<u>800</u>
Total	10,800	6,500	4,935	2,765	25,000

*JNEI = Judith Nitsch Engineering, Inc.

THC = The Halvorson Company, Inc.

SRI = Survey Resources, Inc.

VGNA = Verne G. Norman Associates, Inc.

Judith Nitsch Engineering, Inc.--Hourly Billing Rates

Judith Nitsch, P.E.	\$80.00
Lisa A. Brothers, P.E.	60.00
Project Technician	50.00
Drafter	40.00
Word Processor	32.00

Survey Resources, Inc.--Hourly Billing Rates

Survey Team (2)	\$ 75.00
Project Manager	60.00
Research	39.00
Calculations	16.00
CAD	40.00

Verne G. Norman Associates, Inc.--Hourly Billing Rates

Principal	\$100.00
Engineer	85.00
Designer	70.00
Draftsperson	43.50
Field Engineer	65.00

Staff Billing Rates: Landscape Architectural Services

Name	Position	Billing Rate
Craig C. Halvorson	President	\$85.00/hr
Peter C. Welanetz	Vice President	\$85.00/hr
John Tingley	Vice President	\$85.00/hr
Charles P. Kozlowski	Senior Associate	\$58.75/hr
Cynthia W. Smith	Senior Associate	\$69.44/hr
Thomas R. Doolittle	Associate	\$53.70/hr
Annie I. Frick	Associate	\$52.12/hr
Elizabeth A. Vizza	Associate	\$50.39/hr
Michael J. Basil	Staff Landscape Architect	\$49.12/hr
Sarah A. Forrester	Staff Landscape Designer	\$46.30/hr
Blair C. Hines	Staff Landscape Designer	\$44.73/hr
Robert J. Kreig	Staff Landscape Architect	\$46.30/hr
J.P. Shadley	Staff Landscape Architect	\$49.60/hr
Robert R. Uhlig	Staff Landscape Architect	\$48.51/hr

BOSTON PUBLIC LIBRARY



3 9999 06316 392 5

